



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
УНИВЕРСИТЕТ

Библиотека

ЭЛЕКТРОННАЯ ПОДПИСКА БИБЛИОТЕКИ НИУ ВШЭ

Семинар-консультация

Москва, 2021



ПЛАН ЗАНЯТИЙ

Тематика семинаров

library.hse.ru



Семинар-консультация. Обзор электронной подписки Библиотеки НИУ ВШЭ.
23.03.2021

Семинар 1. Работа со специализированными базами данных. 26.03.2021

Семинар 2. Работа с полнотекстовыми зарубежными и отечественными базами данных. 30.03.2021

Семинар 3. Информационный поиск для специализированных предметных областей. 02.04.2021



ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Понятие электронных информационных ресурсов

Электронные информационные ресурсы — системы, реализующие унифицированный подход к производству, хранению и организации разнообразной информации с целью поиска, анализа и доступа к ней с использованием глобальных компьютерных сетей.



ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Количество научных публикаций

Dimensions e.g. plastic AND instrument Save / Export Support Register Log in

FILTERS FAVORITES

▼ PUBLICATION YEAR

- 2021 1,132,443
- 2020 6,133,925
- 2019 5,645,077
- 2018 5,258,042
- 2017 4,910,945
- 2016 4,513,961
- 2015 4,282,839
- 2014 4,170,097
- 2013 3,975,391
- 2012 3,703,807

More

► RESEARCHER

► RESEARCH CATEGORIES

► PUBLICATION TYPE

► SOURCE TITLE

► JOURNAL LIST

► OPEN ACCESS

PUBLICATIONS 116,971,505

DATASETS 8,326,641

GRANTS 5,799,216

PATENTS 135,472,831

CLINICAL TRIALS 626,693

POLICY DOCUMENTS 583,548

☑ Show abstract Sort by: Relevance ▼

Title, Author(s), Bibliographic reference - [About the metrics](#)

Inhibitory Control Across Athletic Expertise and Its Relationship With Sport Performance.

Hayward, Jack Brimmell, Elizabeth J Edwards, Robert S Vaughan

2021, *Journal of Sport and Exercise Psychology* - Article

Inhibitory control is essential for elite sport. The authors examined the link between athletic expertise, inhibitory control, and sport performance in a two-part experiment. Inhibitory control w... [more](#)

Citations 2

Effectiveness of Physical Activity Levels, Adoption of Physical Activity Review and Meta-Analysis.

Nadja Willinger, Janine Horton

2021, *Journal of Physical Activity* - Article

BACKGROUND: Strategies for increasing physical activity are implemented in a variety of facilities, and therefore can reach a large proportion of the population. The... [more](#)

Altmetric 3

Open Access Add to Library

Sustained Exposure to High Carbohydrate Availability Does Not Influence Iron-Regulatory Responses in Elite Endurance Athletes.

Alannah K A McKay, Peter Peeling, David B Pyne, Nicolin Tee, Marijke Welvaart, Ida A Heikura, Avish P Sharma, Jamie Whitfield, ...

2021, *International Journal of Sport Nutrition and Exercise Metabolism* - Article

This study implemented a 2-week high carbohydrate (CHO) diet intended to maximize CHO oxidation rates and examined the iron-regulatory response to a 26-km race walking effort. Twenty international-lev... [more](#)

Altmetric 7

Open Access Add to Library

ANALYTICAL VIEWS

RESEARCH CATEGORIES

- 11 Medical and Health Sciences 30,004,078
- 09 Engineering 12,309,239
- 1103 Clinical Sciences 11,109,985
- 06 Biological Sciences 8,969,447
- 03 Chemical Sciences 7,812,905

OVERVIEW

Citations 1.4 B

Citations (Mean) 11.61

Publications (total)

RESEARCHERS

- Henry V Kehiaian 15,812
- Jean-Claude Fontaine 15,719

ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Специфика академических электронных ресурсов

- Неанонимность;
- структурированность;
- постоянство (долговременность хранения);
- оперативная и полная индексация, с возможностью полнотекстового поиска по всему информационному массиву.

Читайте подробнее: Alexander J. Gates, Qing Ke (2019). Nature's reach: narrow work has broad impact. Nature 575, 32-34 (2019).

<https://doi.org/10.1038/d41586-019-03308-7>



ТИПЫ ПОИСКА

1. Справочный (lookup) поиск
2. Разведывательный (exploratory) поиск
3. Систематичный (systematic) поиск

Читайте подробнее: Gusenbauer, M. and Haddaway, N.R. (2021), What every researcher should know about searching – clarified concepts, search advice, and an agenda to improve finding in academia. Res Syn Meth, 12: 136-147. <https://doi.org/10.1002/jrsm.1457>

ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Составляющие электронной подписки

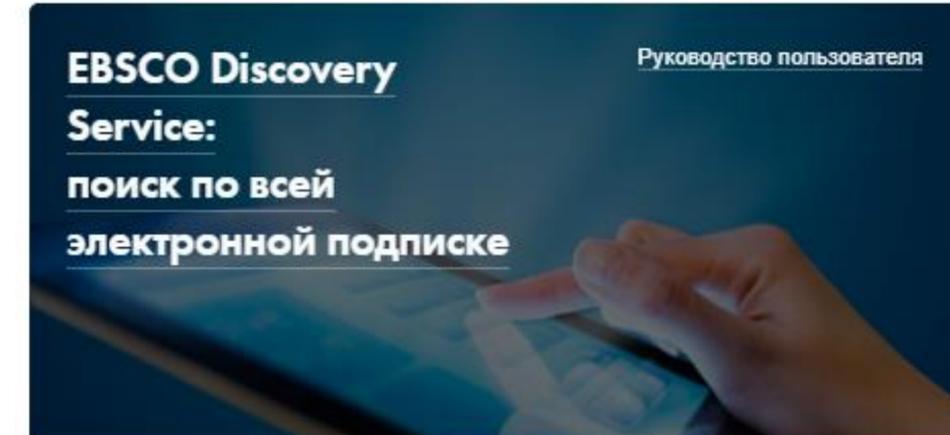
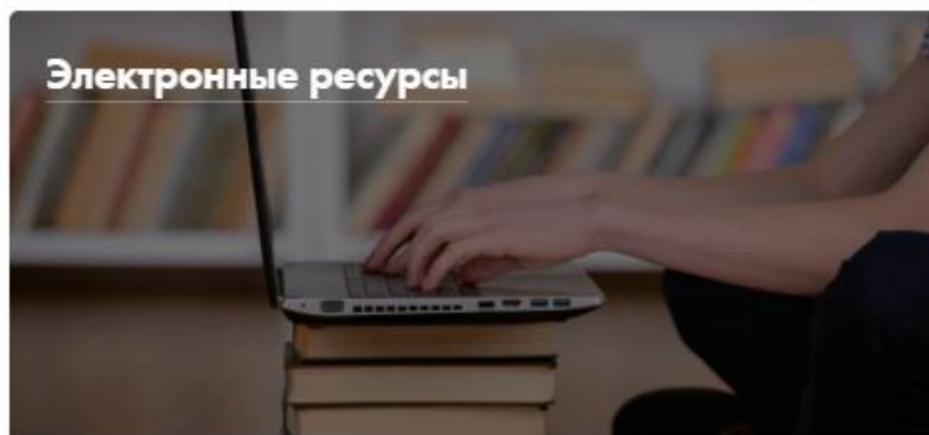
- Полнотекстовые зарубежные базы данных
- Полнотекстовые отечественные базы данных
- Реферативные базы и базы данных цитирования
- Специализированные базы данных
- Энциклопедии, словари и справочники
- Инструменты для работы с подпиской как единым информационным массивом

КУДА ИДТИ ЗА ЭЛЕКТРОННЫМИ РЕСУРСАМИ?

Веб-сайт библиотеки — единое окно предоставления онлайн-услуг и информации



Работа с электронными ресурсами Библиотеки



ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Динамика использования электронных ресурсов по годам



ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Доступ к ведущим зарубежным издательским платформам



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Science Direct



Journal of Business Venturing
Supports open access

11.3 CiteScore | 7.590 Impact Factor

Articles & Issues ▾ About ▾ Publish ▾ Submit your article ↗ Guide for authors ↗

All issues

- 2021 — Volume 36
- Volume 36, Issue 4
In progress (July 2021)
- Volume 36, Issue 3
In progress (May 2021)
- Volume 36, Issue 2
March 2021
- Volume 36, Issue 1
January 2021

[Download PDF](#)



Journal of Business Venturing
Volume 36, Issue 4, July 2021, 106107

A multi-motivational general model of entrepreneurial intention

Evan J. Douglas ^{a, b, c, d}, Dean A. Shepherd ^c, Vidhula Venugopal ^d

[Show more](#) ▾

[+](#) Add to Mendeley [🔗](#) Share [🗣️](#) Cite

<https://doi.org/10.1016/j.jbusvent.2021.106107> [Get rights and content](#)

Abstract

We develop and test an overarching model of entrepreneurial intention that includes profit, social impact, and innovation as the three main drivers of

Advanced Search

[Search tips](#) ⓘ

Find articles with these terms

In this journal or book title Year(s)

Author(s) Author affiliation

Volume(s) Issue(s) Page(s)

Title, abstract or author-specified keywords

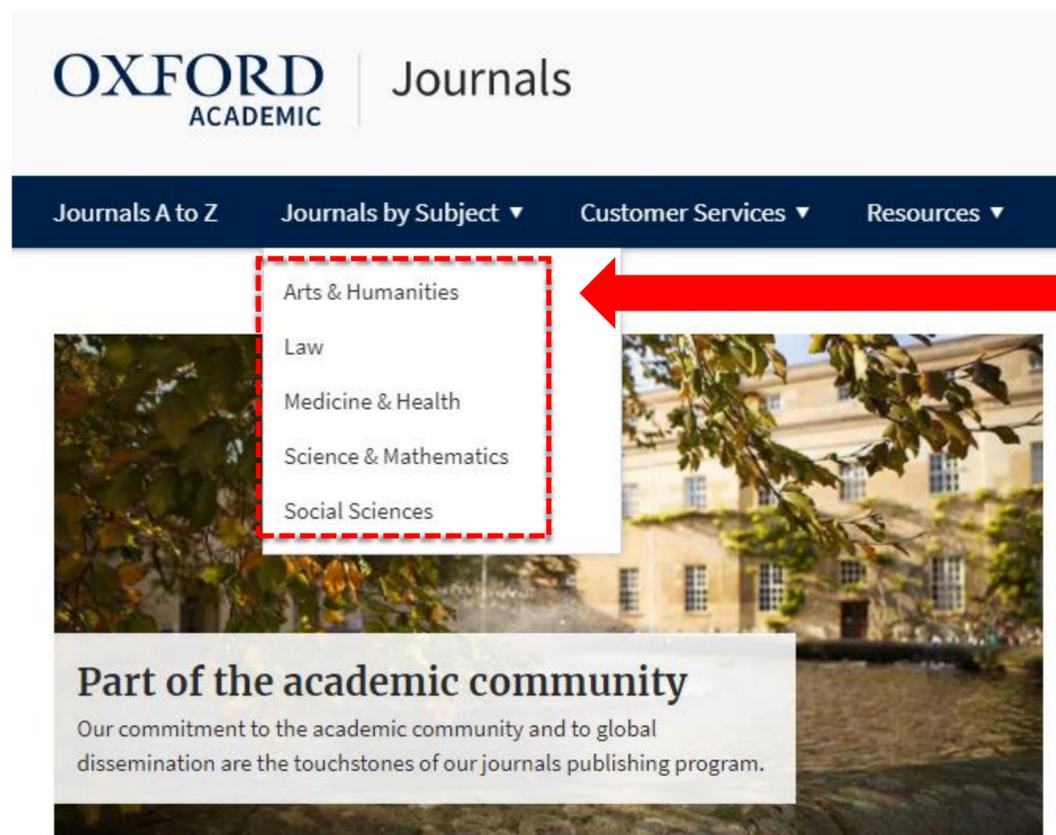
Title

References

ISSN or ISBN

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Oxford Journals



Предметные рубрики



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Oxford Journals



Latest Issue
Volume 47, Issue 5
February 2021

Impact Factor
6.207
5 year Impact Factor
7.366

Editors
Bernd Schmitt
June Cotte
Markus Giesler
Andrew Stephen
Stacy Wood

About the Journal

Founded in 1974, the *Journal of Consumer Research* publishes scholarly research that describes and explains consumer behavior.

[Learn more about JCR.](#)

Browse issues

Year **2021** ▼

Issue **Volume 47, Issue 5, February 2021, Pages 633–828** ▼

The Role of Emotion Discourse and Pathic Stigma in the Delegitimization of Consumer Practices ^{FREE}

Carmen Valor ✉, Javier Lloveras, Eleni Papaioikonomou

Journal of Consumer Research, Volume 47, Issue 5, February 2021, Pages 636–653,
<https://doi.org/10.1093/jcr/ucaa028>

Published: 25 June 2020

PDF Split View Cite Permissions Share ▼

Abstract

Drawing on institutional theory and discursive psychology, this article elucidates how actors use emotion discourse to undermine the legitimacy of consumer practices. Based on an empirical investigation of the bullfighting controversy in Spain, our work shows how activists engage in the production and circulation of compelling emotional prototypes of their adversaries. Such emotional prototypes constitute the discursive foundations of a pathic stigma, which, once established, taints the identity of the social groups associated with

Advanced search

Abstract ▼

Filter ▼

Add term

Update

▼ Journal citation

Update

Format

- Journal Article (2663)
- Image (4066)

Section

- Articles (2190)
- Research in Brief (45)
- Comments (34)
- Notes & Comments (30)
- Article (29)
- Re-Inquiries (29)
- Reflections and Reviews (29)
- Editorial (16)
- Erratum (16)
- PRO and Comments Observations Notes (11)

Publication date

Date range Single date

From Year (yyyy) Select month ▼

To Year (yyyy) Select month ▼

Update

Availability

- Open Access
- Free
- Available
- Available for purchase



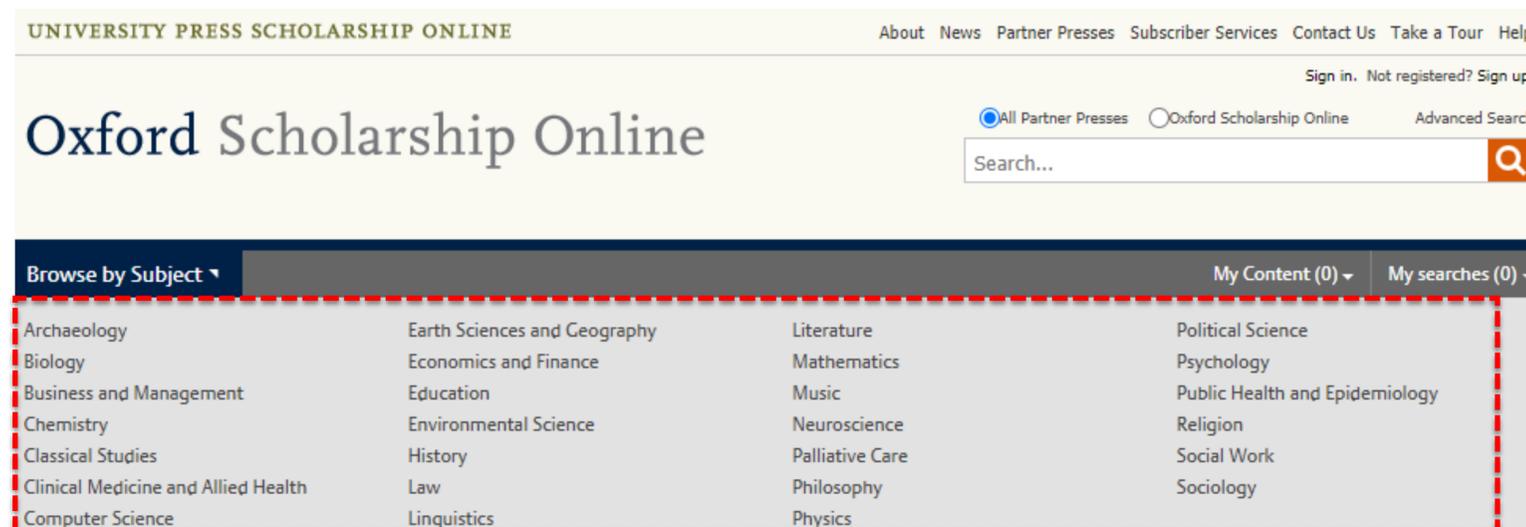
[Скачать презентацию](#)



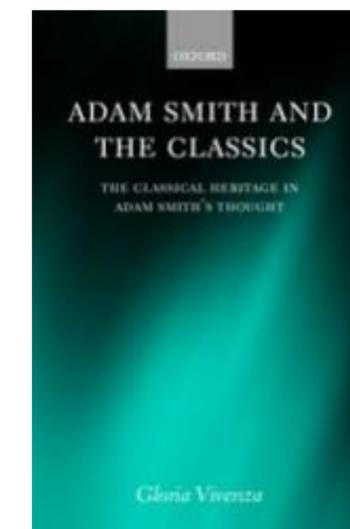
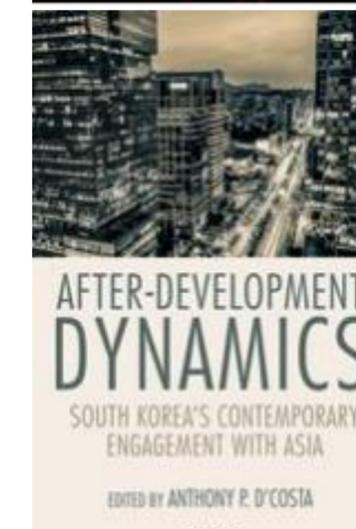
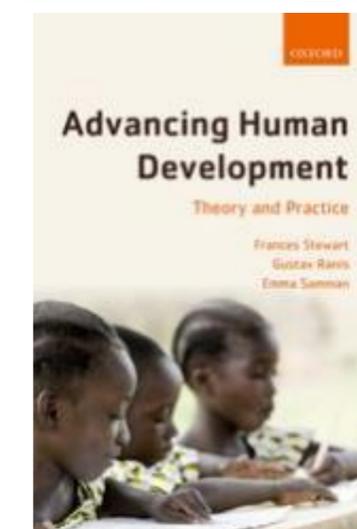
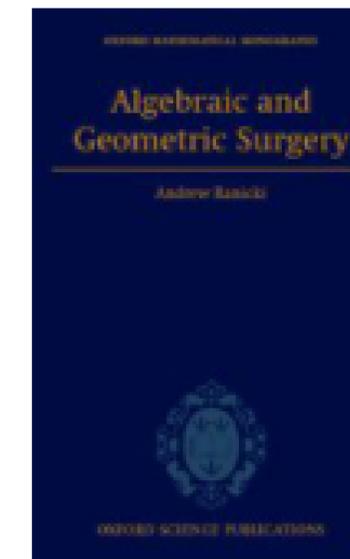
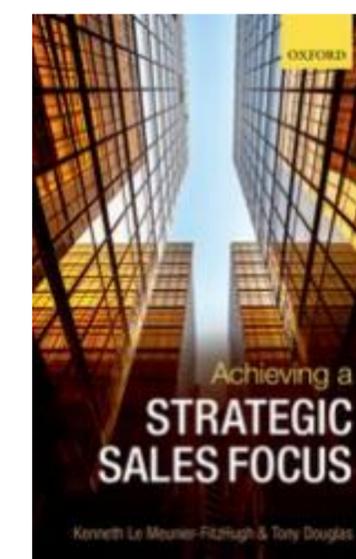
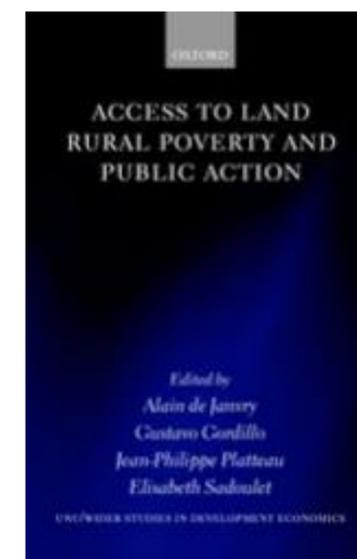
[Посмотреть скринкаст](#)

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Oxford Scholarship Online



↑
Предметные рубрики



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Oxford Scholarship Online

Adam Smith and the Classics: The Classical Heritage in Adam Smith's Thought
Gloria Vivenza

ABSTRACT
Adam Smith's thought was indebted to the classical training prevailing in the educational system of his day. A careful reading of all his writings can prove the extent of this debt. Classical influences are obviously more numerous and easily discernible in the philosophical works, but are not absent from the economic masterpiece. They have been described by the author without having recourse to conjectures or implications, rather by analysing the topics whose classical origin can be ascertained. The book has been divided into chapters devoted to the traditional branches of knowledge treated by ... [More](#) ▾

Keywords: astronomy, economics, education, ethics, jurisprudence, literature, philosophy, rhetoric, Adam Smith, value

AUTHORS
Affiliations are at time of print publication.

Gloria Vivenza, *author*
University of Verona
[Author Webpage](#)

The Natural Philosophy in Smith's Essays [View PDF](#)
Gloria Vivenza ([Contributor Webpage](#))
DOI:10.1093/0198296665.003.0002

[−] Abstract and Keywords

Deals with Adam Smith's juvenile essays on natural philosophy, and shows that some of Smith's methodological principles were partially grounded on ancient theories.

The content of the chapter analyses both Smith's historical reconstruction of the ancient doctrines, and the classical heritage in his own scientific and methodological approach.

Keywords: appearances, astronomy, connection, hypotheses, metaphysics, method, nature, physics, system, wonder

1.1. 'The History of Astronomy'
Philosophy covers a vast area, subdivided into many compartments, and these have not maintained their composition unaltered over the centuries. One need only think of the great uncertainty which obscured the boundaries separating 'philosophy', 'natural philosophy', and 'science' in the period that interests us, and the almost interchangeable uses that were made of these terms. The simple fact that Newton entitled his great work *Philosophiæ naturalis principia mathematica* emphasizes, as Wightman has pointed out,¹ that what we think of as a scientific subject today, in the aftermath of Kant's distinction between the two disciplines, was then regarded as a component of philosophy. Relevant to this question is a group of three essays composed by Smith with the chief aim, explicit in their titles, of using the history of certain areas of study (astronomy, physics, logic and metaphysics) to reveal the principles that direct philosophical enquiry—taking 'philosophical' in the sense already indicated. To be precise, it is only in the first of these essays, 'The History of Astronomy',² in an introductory section,³ that Smith sets out the guiding principles of philosophical/scientific enquiry. Various scholars have accordingly looked at this work precisely in order to extract from it the basic outlines of Smith's philosophy.⁴ Nor is this only of methodological interest: the essay on astronomy is distinguished from the other two in that it offers the fullest treatment of its subject,⁵ and is, furthermore, not limited in chronological terms.⁶

(p.10) As has often been pointed out, Smith made mention of this essay in a letter to his friend David Hume, who would have been his literary executor, with the duty to dispose of his manuscripts, had he survived. Smith describes the essay as 'a fragment of a great work', one of his youthful projects, and leaves the question of whether to publish it or not up to his friend—though for his own part he strikes a note of caution, saying: 'I begin to suspect myself that there is more refinement than solidity in some parts of it'.⁷ Despite this observation, however, this was the only one of the essays saved from destruction just before Smith's death that he names, not without a certain sense of appreciation.

BIBLIOGRAPHIC INFORMATION

Print publication date: 2001 Print ISBN-13: 9780198296669
Published to Oxford Scholarship Online: November 2003 DOI:10.1093/0198296665.001.0001

Contents Go to page: [Go](#) Search within book [Q](#)

| |
|--|
| [+] Front Matter |
| Introduction |
| 1 The Natural Philosophy in Smith's Essays |
| 2 The Classical Heritage in Adam Smith's Ethics |
| 3 The Lectures on Jurisprudence and Roman Law1 |
| 4 The Division of Labour and the Theory of Value |
| 5 Adam Smith and Ancient Literature |
| Conclusion |
| Postscript |

SUBJECT(S) IN OXFORD SCHOLARSHIP ONLINE
Economics and Finance
History of Economic Thought

REVIEWS
Find in JSTOR

RELATED CONTENT IN OSO
A Not-so-dismal Science, Mancur Olson, Satu Kähkönen (2000)
Adam Smith's System of Liberty, Wealth, and Virtue, Athol Fitzgibbons (1997)
The Life of Adam Smith, Ian Simpson Ross (1995)
Ethics, Economics, and Politics, I. M. D. Little (2002)

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Cambridge Journals Online

Journals

At Cambridge University Press, we currently publish more than 380 peer-reviewed academic journals in the fields of business, technology and medicine.

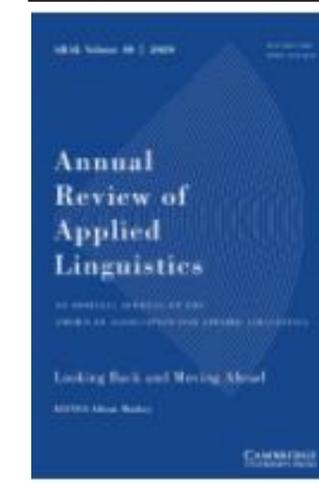
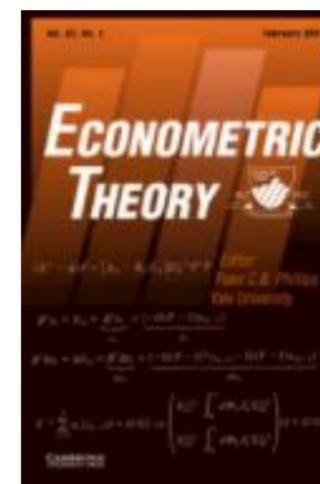
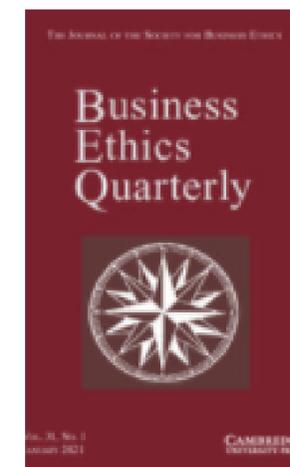
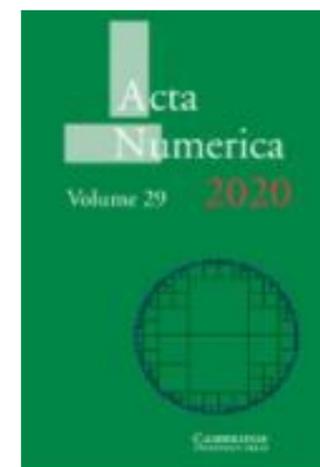
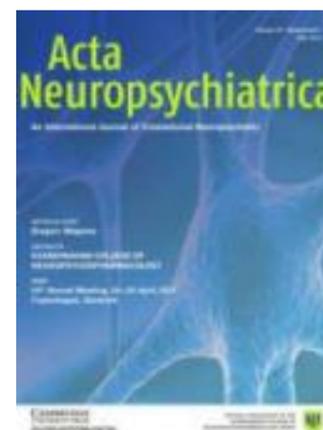
Please note: As of 1 July 2020 we have resumed the printing of journals. Please visit [this page](#) for more information.

Search and filter | All titles | All subjects

- Acta Neuropsychiatria
- Acta Numerica
- Advances in Applied Probability
- Advances in Archaeological Practice
- The Aeronautical Journal
 - Previous title: The Aeronautical Quarterly (1949 - 1983)
 - Previous title: The Annual Reports of the Aeronautical Society of Great Britain (1919 - 1948)
 - Previous title: The Transactions of the Royal Aeronautical Society (1910 - 1918)
- Africa

Subject categories: All subjects, Anthropology, Archaeology, Area Studies, Art, Chemistry, Classical Studies, Computer Science, Drama and Theatre, Earth and Environmental Sciences, Economics, Education, Engineering, Geography, History, Language and Linguistics, Law, Life Sciences, Literature, Management.

Предметные рубрики

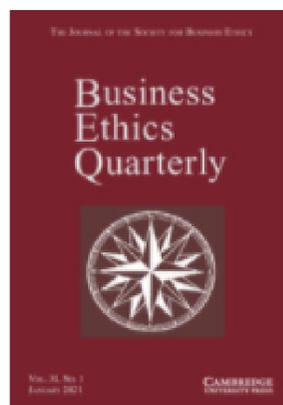


ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Cambridge Journals Online

Journal home Collections Open access articles FirstView articles Latest issue All issues Testimonials Most read

Access: Subscribed, Past subscription Contains open access



ISSN: 1052-150X (Print), 2153-3326 (Online)
 Editor: Bruce Barry Vanderbilt University, USA
 Editorial board

Business Ethics Quarterly (BEQ) is a peer-reviewed scholarly journal which publishes theoretical and empirical research relevant to the ethics of business, corporate social responsibility, and corporate sustainability. Recognizing that contributions to the better understanding of these topics can come from any quarter, and that the best scholarship on these themes is often interdisciplinary in nature, it publishes scholarship from the humanities, social sciences, and professional fields, as well as scholarship that crosses disciplinary boundaries. It has published articles and reviews on a broad range of topics, including the internal ethics of business organizations, the ethics of specific business practices such as marketing, stakeholder relations, and international business, the role of business organizations in larger social, political and cultural frameworks, corporate social responsibility, sustainability and environmental ethics in business, and the ethical quality of market-based societies and relationships.

| | | |
|--------------------|-----------------|----------------|
| 2020s (Vol 30-31) | Access | - |
| - 2021 - Volume 31 | Access | |
| Issue 1 | January 2021 | pp. 1-175 |
| + 2020 - Volume 30 | Access | |
| 2010s (Vol 20-29) | Archive content | Partial access |
| 2000s (Vol 10-19) | Archive content | |
| 1990s (Vol 1-9) | Archive content | |

Creating Value by Sharing Values: Managing Stakeholder Value Conflict in the Face of Pluralism through Discursive Justification

Maximilian J. L. Schormair
 Trinity College Dublin

Dirk Ulrich Gilbert
 University of Hamburg

ABSTRACT: The question of how to engage with stakeholders in situations of value conflict to create value that includes a plurality of conflicting stakeholder value perspectives represents one of the crucial current challenges of stakeholder engagement as well as of value creation stakeholder theory. To address this challenge, we conceptualize a discursive sharing process between affected stakeholders that is oriented toward discursive justification involving multiple procedural steps. This sharing process provides procedural guidance for firms and stakeholders to create pluralistic stakeholder value through the discursive accommodation of diverging stakeholder value perspectives. The outcomes of such a discursive value-sharing process range from stakeholder value dissensus to low (agreement to disagree) and increasing levels of stakeholder value congruence (value compromise) to stakeholder value consensus (shared values). Hence, this article contributes to the emerging literature on integrative stakeholder engagement by conceptualizing a procedural framework that is neither overly oriented towards dissensus nor consensus.

KEY WORDS: stakeholder value conflict, value pluralism, stakeholder engagement, discursive justification, sharing

The (neo)classical idea that, by focusing exclusively on the creation of financial value, corporations automatically provide sufficient value for stakeholders and society as a whole has recently come under closer scrutiny (Jones et al., 2016; Jones & Felps, 2013a). Porter and Kramer, for example, propose a more practitioner-oriented variation of financial value creation as corporate objective by suggesting that corporations should “pursue financial success in a way that also yields societal benefits” (Kramer & Pfitzer, 2016: 82). Jones and Felps, in turn, argue for a revision of the normative objective of corporations around the enhancement of the “aggregate happiness of its normatively legitimate stakeholders over the foreseeable future” (2013b: 358). These monistic conceptions have been criticized for being one-dimensional and reductionist by scholars advocating value pluralism instead of monism in value creation stakeholder theory (VCST) (Mitchell, van Buren, Greenwood, & Freeman, 2015; Mitchell, Weaver, Agle, Bailey, & Carlson, 2016; van der Linden & Freeman, 2017). In this vein, Harrison and Wicks conceptualize value

Home Journals Business Ethics Quarterly Volume 31 Issue 1 Creating Value by Sharing Values: Managing Stakeholder Value Conflict in the Face of Pluralism through Discursive Justification English Français

Business Ethics Quarterly

Published online by Cambridge University Press: 19 June 2020
 Maximilian J. L. Schormair and Dirk Ulrich Gilbert

Article Metrics

Save PDF Share Cite Rights & Permissions

Abstract

The question of how to engage with stakeholders in situations of value conflict to create value that includes a plurality of conflicting stakeholder value perspectives represents one of the crucial current challenges of stakeholder engagement as well as of value creation stakeholder theory. To address this challenge, we conceptualize a discursive sharing process between affected stakeholders that is oriented toward discursive justification involving multiple procedural steps. This sharing process provides procedural guidance for firms and stakeholders to create pluralistic stakeholder value through the discursive accommodation of diverging stakeholder value perspectives. The outcomes of such a discursive value-sharing process range from stakeholder value dissensus to low (agreement to disagree) and increasing levels of stakeholder value congruence (value compromise) to stakeholder value consensus (shared values). Hence, this article contributes to the emerging literature on integrative stakeholder engagement by conceptualizing a procedural framework that is neither overly oriented towards dissensus nor consensus.

Keywords

stakeholder value conflict value pluralism stakeholder engagement discursive justification sharing

Type Article

Information Business Ethics Quarterly, Volume 31, Issue 1, January 2021, pp. 1–36
 DOI: <https://doi.org/10.1017/beq.2020.12>

Copyright ©2020 Business Ethics Quarterly

Related content

Article
 Global Business Ethics: Regulation, Code, or Self-Restraint
 Gerard F. Cavanagh
 Business Ethics Quarterly
 Published online: 23 January 2018

Article
 Global Policies and Local Practice: Loose and Tight Couplings in Multi-Stakeholder Initiatives
 Andrea Pasche
 Business Ethics Quarterly
 Published online: 23 January 2018

Article
 Where Is the Accountability in International Accessibility Standards? A Decoupling Perspective
 Michael Behnam and Tammy L. MacLean
 Business Ethics Quarterly
 Published online: 23 January 2018

Chapter
 Standards for CSR: Legitimacy, Impact and Critique
 Andrew Ratche and Sandra Waddock
 Stakeholder Social Responsibility
 Published online: 23 May 2018

Chapter
 Corporate Responsibility Reporting
 Christian Herzig and Anna-Lena Kühn
 Corporate Social Responsibility
 Published online: 28 May 2018

Article

Creating Value by Sharing Values: Managing Stakeholder Value Conflict in the Face of Pluralism through Discursive Justification

Maximilian J. L. Schormair, Dirk Ulrich Gilbert

Published online by Cambridge University Press: 19 June 2020, pp. 1-36

Article Access PDF HTML Export citation

View abstract

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

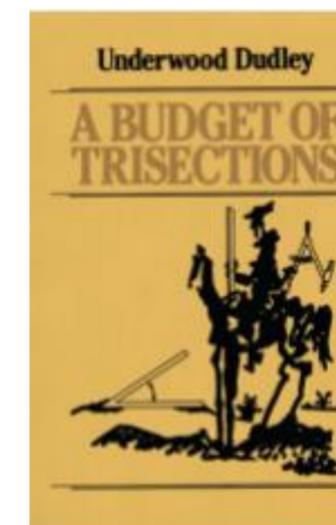
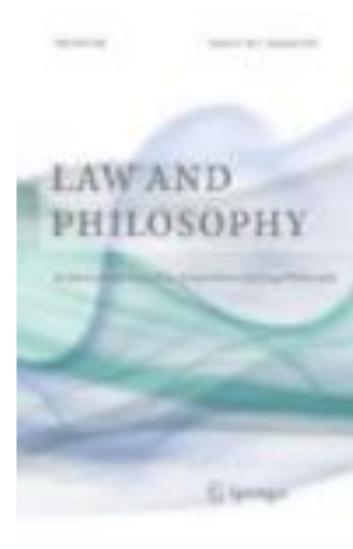
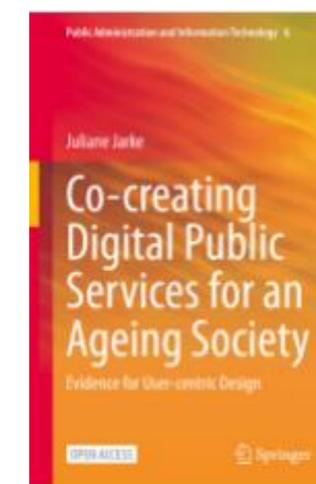
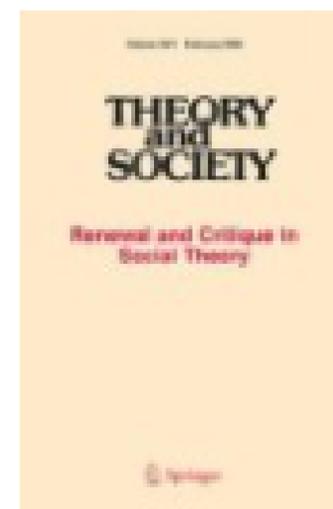
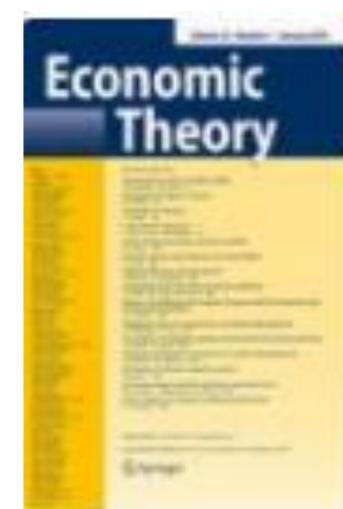
SpringerLink

Browse by discipline

- » Biomedicine
- » Business and Management
- » Chemistry
- » Computer Science
- » Earth Sciences
- » Economics
- » Education
- » Engineering
- » Environment
- » Geography
- » History
- » Law
- » Life Sciences
- » Literature
- » Materials Science
- » Mathematics
- » Medicine & Public Health
- » Pharmacy
- » Philosophy
- » Physics
- » Political Science and International Relations
- » Psychology
- » Social Sciences
- » Statistics



Предметные
рубрики



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

SpringerLink

Economic Theory **1.051 (2019)**
Impact factor **1.036 (2019)**
Five year impact factor

Journal home > Volumes and issues

Search within journal

Volumes and issues

Volume 71 February - March 2021

March 2021, issue 2

February 2021, issue 1

Volume 70 July - November 2020

November 2020, issue 4
Special Issue: Supermodularity and Monotonicity in Economics

October 2020, issue 3

Research Article | Published: 03 March 2020

Multidimensional inequalities and generalized quantile functions

Sinem Bas, Philippe Bich & Alain Chateauneuf

Economic Theory 71, 375–409(2021) | [Cite this article](#)

118 Accesses | 2 Altmetric | [Metrics](#)

Abstract

In this paper, we extend the generalized Yaari's dual theory for multidimensional distributions, in the vein of Galichon and Henry's paper (Galichon and Henry in *J Econ Theory* 147:1501–1516, 2012). We show how a class of generalized quantiles—which encompasses Galichon and Henry's one or multivariate quantile transform [see Arjas and Lehtonen (*Math Oper Res* 3(3):205–223, 1978), O'Brien (*Ann Probab* 3(1):80–88, 1975) or Ruschendorf (*Ann Probab* 9(2):276–283, 1981)]—allows to derive a general representation theorem.

Introduction

In a recent paper, Galichon and Henry (2012) generalize Yaari's dual theory Yaari (1987) to multidimensional distributions using optimal coupling theory.¹ They prove that the preference relationship of a decision maker confronted with choices on multidimensional prospects can be evaluated with a weighted sum of multidimensional quantiles, if one assumes that this

Economic Theory (2021) 71:375–409
<https://doi.org/10.1007/s00199-020-01253-5>

RESEARCH ARTICLE

Multidimensional inequalities and generalized quantile functions

Sinem Bas¹ · Philippe Bich² · Alain Chateauneuf³

Received: 19 April 2019 / Accepted: 8 February 2020 / Published online: 3 March 2020
© Springer-Verlag GmbH Germany, part of Springer Nature 2020

Abstract
In this paper, we extend the generalized Yaari's dual theory for multidimensional distributions, in the vein of Galichon and Henry's paper (Galichon and Henry in *J Econ Theory* 147:1501–1516, 2012). We show how a class of generalized quantiles—which encompasses Galichon and Henry's one or multivariate quantile transform [see Arjas and Lehtonen (*Math Oper Res* 3(3):205–223, 1978), O'Brien (*Ann Probab* 3(1):80–88, 1975) or Ruschendorf (*Ann Probab* 9(2):276–283, 1981)]—allows to derive a general representation theorem.

Keywords Multidimensional distributions · Quantile · Inequality · Optimal coupling

JEL Classification D63 · D81

This paper forms part of the research project ANR "Mesure des inégalités ordinales et multidimensionnelles" ORDINEQ of the French National Agency for Research, whose financial support is gratefully acknowledged.

✉ Philippe Bich
bich@univ-paris1.fr

Sinem Bas
sinem.bas@uclouvain.be

Alain Chateauneuf
Alain.Chateauneuf@univ-paris1.fr

¹ Université Catholique de Louvain, CORE, Ottignies-Louvain-la-Neuve, Belgium

² Centre d'Economie de la Sorbonne and Paris School of Economics, Université Paris 1 Panthéon Sorbonne UMR 8074, Paris, France

³ IPAG Business School, Centre d'Economie de la Sorbonne and Paris School of Economics, Université Paris 1 Panthéon Sorbonne UMR 8074, Paris, France

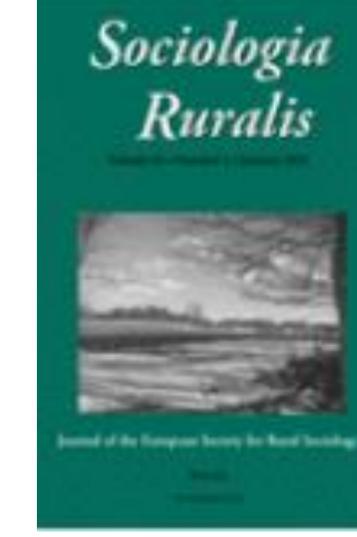
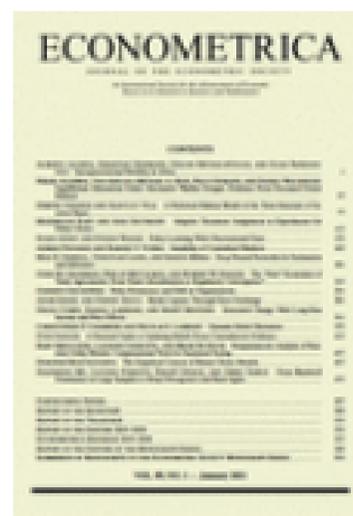
ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Wiley Online Library

Subjects ^

- ACCOUNTING 35
 - AGRICULTURE 108
 - ANTHROPOLOGY 92
 - AQUACULTURE, FISHERIES & FISH SCIENCE 30
 - ARCHAEOLOGY 23
 - ARCHITECTURE & PLANNING 35
 - ART & APPLIED ARTS 23
 - BIOMEDICAL ENGINEERING 54
 - BUSINESS & MANAGEMENT 192
 - CHEMICAL & BIOCHEMICAL ENGINEERING 45
- LESS ^
- Search (47) more

← Предметные рубрики



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Wiley Online Library



Edited By: Reiner Eichenberger, David Stadelmann and Alois Stutzer
Impact factor: 1.708
2019 Journal Citation Reports (Clarivate Analytics): 142/373 (Economics)
Online ISSN: 1467-6435
© John Wiley & Sons Ltd



Issue archive

2021 - Volume 74

2020 - Volume 73

+ 2010 - 2019

+ 2000 - 2009

+ 1990 - 1999

+ 1980 - 1989

+ 1970 - 1979

+ 1960 - 1969

+ 1950 - 1959

+ 1940 - 1949

2021 - Volume 74, Kyklos



Full Access

Volume 74, Issue 1

Pages: 1-152

February 2021



KYKLOS
International Review for Social Sciences

Original Article | Full Access

Contact and Commitment to Development: Evidence from quasi-random missionary assignments

Lee Crawford✉

First published: 12 August 2020 | <https://doi.org/10.1111/kykl.12255>

HSE Full Text

SECTIONS PDF TOOLS SHARE

SUMMARY

Public support for global development in rich countries is critical for sustaining effective government and individual action. But the causes of public support are not well understood. Does spending time living in a developing country play a role in generating individual commitment to development? Addressing this question is fraught with selection bias, as individuals are rarely exogenously assigned to spend time in different countries. In this paper I address this question using a natural experiment – the quasi-random assignment of missionaries from the Church of Jesus Christ of Latter-day Saints to two-year missions in different world regions. I provide the first causal estimates of the effect of travel to a developing country on attitudes to global development. Data comes from a new survey gathered through mission alumni Facebook groups. Missionaries assigned to low-income and middle-income world regions (Africa, Asia, Latin America, and Caribbean) have similar prior characteristics to those assigned to high-income Europe. Those assigned to Africa self-report greater interest in global development and

KYKLOS, Vol. 74 – February 2021 – No. 1, 3–18

Contact and Commitment to Development: Evidence from quasi-random missionary assignments

Lee Crawford*

1. INTRODUCTION

Close to 700 million people live in extreme poverty. Actions taken in rich countries matter for the wellbeing of people in poor countries. This includes both public policy and private action. Relevant public policy includes foreign aid, but also immigration, trade, investment, climate, and technology policy (Birdsall and Roodman 2003). Public support is critical to sustain such policy (Heinrich, Kobayashi, and Bryant 2016; Milner and Tingley 2013; Pritchett 2015; Tingley 2010). Private actions also matter, through individual giving and consumption choices.

This paper asks whether individual contact plays a role in forming attitudes towards global poverty and development. Many people who work on global development can point to a formative experience in a developing country that they believe set them on their current path. The intergroup contact hypothesis (Allport 1954) suggests that, in the right context, interaction between people from different groups can lead to reduced prejudice, which could lead to greater sympathy. Does interaction between people from high-income and lower income countries increase support for global development? Or are those who are predisposed to be interested in global development the ones who choose to spend time in developing countries?

In this paper I exploit the quasi-random assignment of missionaries to high or lower income world regions to estimate the effect of contact on attitudes to development. I provide the first causal estimates of the effect of travel to a developing country on attitudes to global development. Around a third of American members of the Church of Jesus Christ of Latter-day Saints go on a mission (Pew Research Center 2012; Riess 2019). These last around 2 years, and the location is assigned by the church based on revelation. I survey 1,499 returned missionaries.

* Dr. Lee Crawford Senior Research Associate Center for Global Development in Europe (CGD Europe) 1 Abbey Gardens, Great College Street, London, UK SW1P 3SE lee.crawford@gmail.com. Acknowledgements: I'm grateful for helpful comments, advice, and inspiration to Jana Riess, Benjamin Knoll, Lant Pritchett, David K. Evans, Ryan T. Cragun, Matthew Martinich, Derill D. Watson, Matthew Collin, Rohit Nairpally, Georgina Turner, Matt Lowe, two anonymous referees, and editors for Kyklos.

© 2020 John Wiley & Sons Ltd. 3



Скачать презентацию



Посмотреть скринкаст

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Taylor & Francis

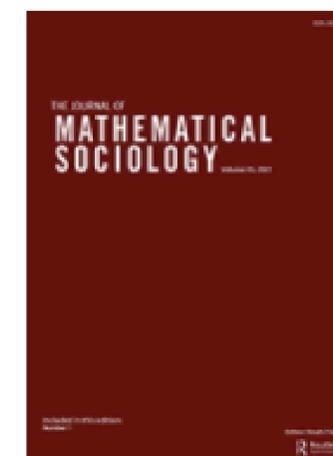
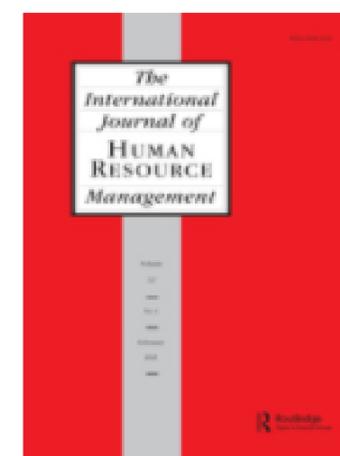
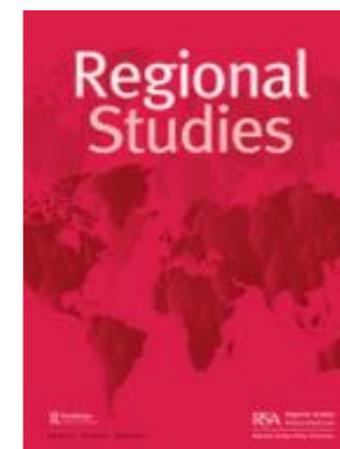
Explore journals and articles by subject

| | | | |
|-----------------------|---|--|------------------------------------|
| Area Studies | Earth Sciences | Health and Social Care | Physical Sciences |
| Arts | Economics, Finance, Business & Industry | Humanities | Politics & International Relations |
| Behavioral Sciences | Education | Information Science | Social Sciences |
| Bioscience | Engineering & Technology | Language & Literature | Sports and Leisure |
| Built Environment | Environment & Agriculture | Law | Tourism, Hospitality and Events |
| Communication Studies | Environment and Sustainability | Mathematics & Statistics | Urban Studies |
| Computer Science | Food Science & Technology | Medicine, Dentistry, Nursing & Allied Health | |
| Development Studies | Geography | Museum and Heritage Studies | |



Предметные рубрики

Journals A - Z



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Taylor & Francis



Regional Studies

Regional Studies publishes original research spanning the economic, social, political and environmental dimensions of urban and regional change.

Enter keywords, authors, DOI, ORCID etc This Journal Advanced search

[Submit an article](#) [New content alerts](#) [RSS](#) [Subscribe](#) [Citation search](#)

[Current issue](#) [Browse list of issues](#) [Explore](#)

List of issues

Latest articles

| | |
|---|---|
| Volume 55 2021 | ✓ |
| Issue 3 2021 pages 373-eiii Smart Specialisation and learning regions as a competitive strategy for less developed regions | ✓ |
| Issue 2 2021 pages 167-372 | ✓ |
| Issue 1 2021 pages 1-166 Planning regional futures | ✓ |
| Volume 54 2020 | + |



Articles

Territorial patterns of R&D+I grants supporting Smart Specialisation projects funded from the ESIF in Poland

Krzysztof Mieszkowski & Javier Barbero

Pages 390-401 | Received 30 May 2019, Published online: 28 Jul 2020

[Download citation](#) <https://doi.org/10.1080/00343404.2020.1782877> [Check for updates](#)

[Full Article](#) [Figures & data](#) [References](#) [Supplemental](#) [Citations](#) [Metrics](#) [Licensing](#) [Reprint](#)

[PDF](#) [EPUB](#)

ABSTRACT

This paper identifies territorial patterns of location of R&D+I grants supporting projects within the Polish Smart Specialisation framework. Using a data set of R&D+I grants from the European Structural and Investment Funds (ESIFs), the paper analyses the geographical concentration of projects, the link between local characteristics and the implementation of projects, and attempts at cooperation among organizations implementing projects. The results show an urban-rural divide and confirm the agglomeration of projects around the main Polish cities and industrial locations. By contrast, less-than-adequate conditions in rural areas and smaller counties may limit the potential for attraction and implementation of Smart Specialisation Strategies (S3).

KEYWORDS: Smart Specialisation, territorial development, place-based policy, research and innovation policy

QJEL: O25 O30 R12 R58

[Previous article](#) [View issue table of contents](#) [Next article](#)

ABSTRACT
This paper identifies territorial patterns of location of R&D+I grants supporting projects within the Polish Smart Specialisation framework. Using a data set of R&D+I grants from the European Structural and Investment Funds (ESIFs), the paper analyses the geographical concentration of projects, the link between local characteristics and the implementation of projects, and attempts at cooperation among organizations implementing projects. The results show an urban-rural divide and confirm the agglomeration of projects around the main Polish cities and industrial locations. By contrast, less-than-adequate conditions in rural areas and smaller counties may limit the potential for attraction and implementation of Smart Specialisation Strategies (S3).

KEYWORDS
Smart Specialisation; territorial development; place-based policy; research and innovation policy

INTRODUCTION
Smart Specialisation Strategies (S3) is a place-based policy approach that asks regions or countries to define the main strategic domains for research and innovation investments (Foray et al., 2012). S3 is supposed to guide investments in innovation through the prioritization and concentration of public resources, and the mobilization of local assets and entrepreneurial capacity. European Commission regional policy grounded in the place-based approach made available the largest pan-European industrial policy funding programme to apply those principles (Gianelle et al., 2019). This paper identifies territorial patterns of location and territorial cooperation aspects of research and development plus innovation (R&D+I) grant-supported projects from the European Regional Development Fund (ERDF) under Thematic Objective 1 (TO1) within the Polish Smart Specialisation framework. We focus on three aspects. First, we explore whether there is a territorial concentration of projects. Second, we focus on evidence of a link between local characteristics and the implementation of projects. Finally, we identify if attempts have been made regarding territorial cooperation in these projects.

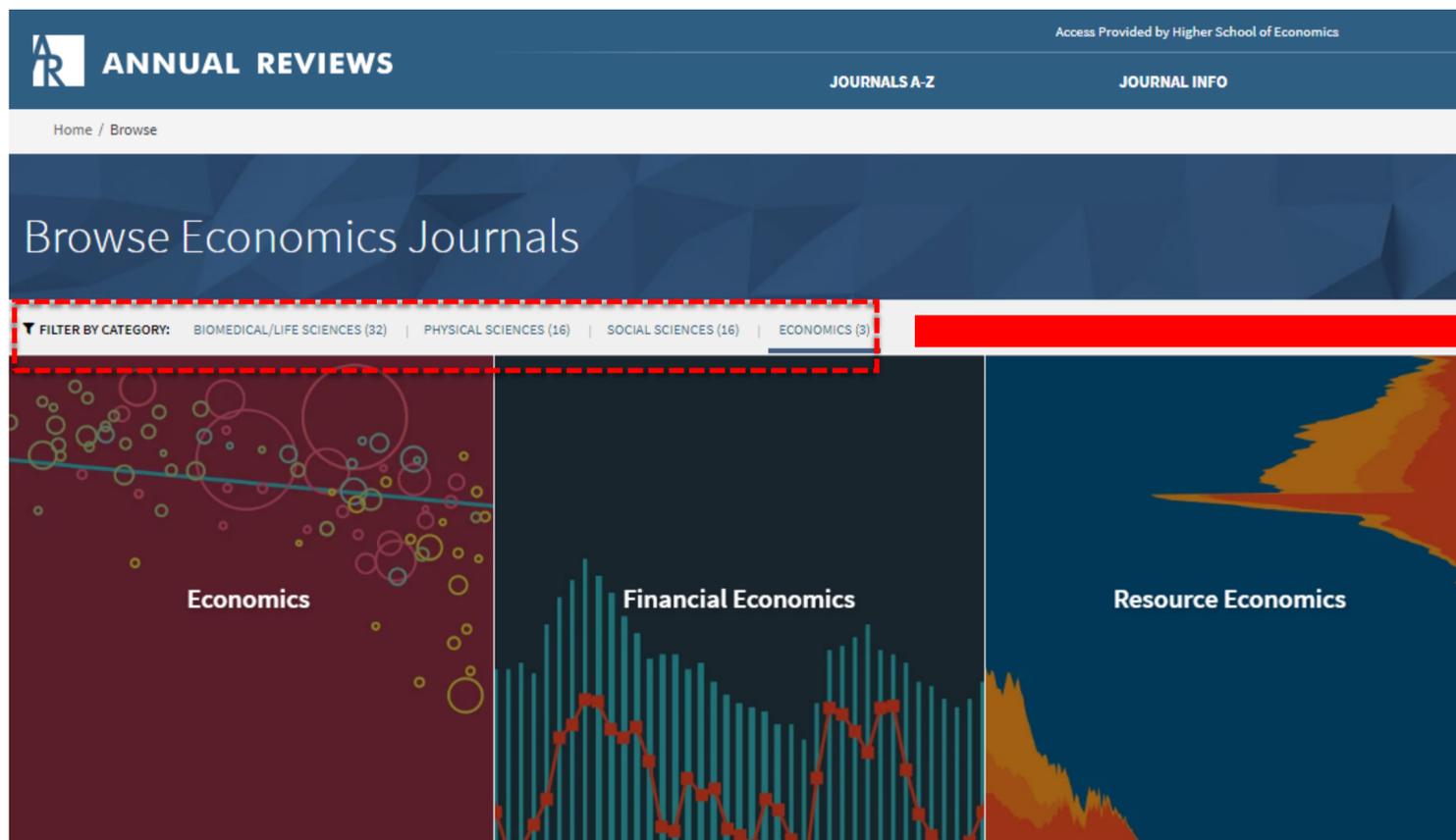
Our research contributes to the literature on agglomeration economies and the literature discussing the conditions for attracting R&D+I activities. Cities and urban areas allow the sharing of common goods and facilities among firms, improve the quality of matching in the labour market between employers and employees, and facilitate the generation, diffusion and accumulation of knowledge (Duranton & Puga, 2004). Urban areas have more research and innovative activities because large metropolises have proportionally more inventors than smaller cities and generate more patents (Bettencourt et al., 2007). More developed areas have skilled human capital, better technological infrastructure and ample physical capital. Furthermore, they concentrate on public organizations and private firms benefiting from co-location, agglomeration and the localized circulation of knowledge. These economic centres are more suitable for innovative activity. The agglomeration of actors is associated with the emergence of 'intricate institutional systems' that support the diffusion and exchange of knowledge, collaboration and interactions that are fundamental to the processes of innovation. Rural, remote or peripheral areas are often less

CONTACT
*Corresponding author: k.mieszkowski@cesamat.eu
European Commission, Joint Research Centre (JRC), Seville, Spain.
JAVIER BARBERO-JIMENEZ@jrc.ec.europa.eu
European Commission, Joint Research Centre (JRC), Seville, Spain.
Supplemental data for this article can be accessed at <https://doi.org/10.1080/00343404.2020.1782877>

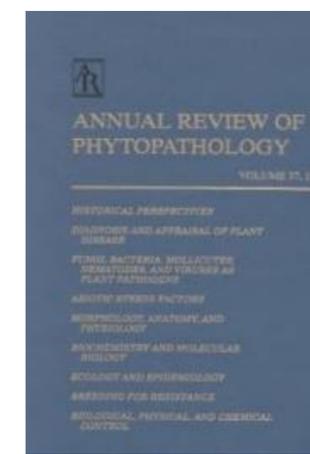
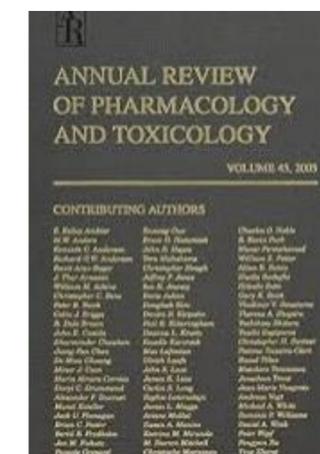
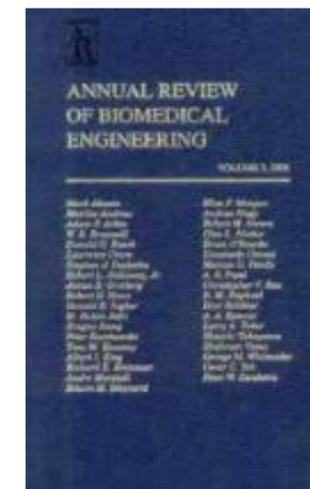
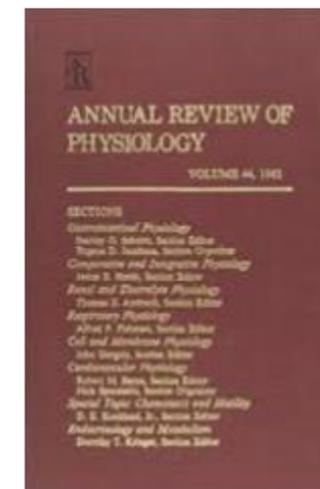
© 2020 The Author(s). Published by Informa UK Limited, trading as Taylor & Francis Group
This is an Open Access article distributed under the terms of the Creative Commons Attribution-NonCommercial-NoDerivatives License (<http://creativecommons.org/licenses/by-nc-nd/4.0/>), which permits non-commercial re-use, distribution, and reproduction in any medium, provided the original work is properly cited, and is not altered, transformed, or built upon in any way.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Annual Reviews



Предметные рубрики



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Annual Reviews

Annual Review of Economics

Journal Home | Current Volume | All Volumes

List of Volumes

2020-present

VOL. 12, 2020 • CURRENT

2010-2019

VOL. 11, 2019
VOL. 10, 2018
VOL. 9, 2017

VOL. 8, 2016
VOL. 7, 2015
VOL. 6, 2014
VOL. 5, 2013

VOL. 4, 2012
VOL. 3, 2011
VOL. 2, 2010



Hypothesis Testing in Econometrics

Annual Review of Economics
Vol. 2:75-104 (Volume publication date 2010)
First published online as a Review in Advance on February 9, 2010
<https://doi.org/10.1146/annurev.economics.102308.124342>

Joseph P. Romano,¹ Azeem M. Shaikh,² and Michael Wolf³

¹Departments of Economics and Statistics, Stanford University, Stanford, California 94305; email: romano@stanford.edu
²Department of Economics, University of Chicago, Chicago, Illinois 60637
³Institute for Empirical Research in Economics, University of Zürich, CH-8006 Zürich, Switzerland

Download PDF | Article Metrics | Permissions | Reprints | Download Citation | Citation Alerts

Sections

- ABSTRACT
- KEY WORDS
- INTRODUCTION
- THE NEYMAN-PEARSON PARADIGM
- CONTROL OF THE SIZE OF A TEST
- OPTIMALITY CONSIDERATIONS
- LARGE-SAMPLE CONSIDERATIONS
- METHODS FOR HYPOTHESIS TESTING
- CONSTRUCTION OF CRITICAL VALUES
- MULTIPLE TESTING
- DISCLOSURE STATEMENT
- ACKNOWLEDGMENTS
- LITERATURE CITED

Abstract

This article reviews important concepts and methods that are useful for hypothesis testing. First, we present, including finite-sample and large-sample optimality. Then, we summarize some of the most important methods, as well as resampling methodology, which is useful to set critical values. Finally, we consider the problem of multiple testing, which has witnessed a burgeoning literature in recent years. Along the way, we incorporate some examples that are current in the econometrics literature. While many problems with well-known successful solutions are included, we also address open problems that are not easily handled with current technology, stemming from such issues as lack of optimality or poor asymptotic approximations.

Key Words

asymptotics, multiple testing, optimality, resampling

1. INTRODUCTION

This review highlights many current approaches to hypothesis testing in the econometrics literature. First, we discuss the Neyman-Pearson framework, reviewing the key concepts in Section 2. As such, optimality is defined via the power function. The goal of the construction of uniformly most powerful tests (defined below) cannot usually be reached. We attempt to bring about a simplification of the problem. First, we consider restricting tests by the Neyman-Pearson framework. Then, we discuss notions of optimality that do not place any such restrictions, namely maximin tests, tests that are invariant under certain transformations, and tests that are invariant under certain transformations. Finally, we discuss approaches to optimality that do not place any such restrictions, namely maximin tests, tests that are invariant under certain transformations, and tests that are invariant under certain transformations.

Further
Click here for quick links to Annual Reviews content online, including:
• Other articles in this volume
• Top cited articles
• Top downloaded articles
• Our comprehensive search

Anna. Rev. Econ. 2010. 2:75-104
First published online as a Review in Advance on February 9, 2010
The Annual Review of Economics is online at econ.annualreviews.org
This article's doi: 10.1146/annurev.economics.102308.124342
Copyright © 2010 by Annual Reviews. All rights reserved.
1941-1383/10/0904-0075\$20.00

Key Words

asymptotics, multiple testing, optimality, resampling

Abstract

This article reviews important concepts and methods that are useful for hypothesis testing. First, we discuss the Neyman-Pearson framework. Various approaches to optimality are presented, including finite-sample and large-sample optimality. Then, we summarize some of the most important methods, as well as resampling methodology, which is useful to set critical values. Finally, we consider the problem of multiple testing, which has witnessed a burgeoning literature in recent years. Along the way, we incorporate some examples that are current in the econometrics literature. While many problems with well-known successful solutions are included, we also address open problems that are not easily handled with current technology, stemming from such issues as lack of optimality or poor asymptotic approximations.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

SAGE Journals Online



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

SAGE Journals Online

The screenshot displays the SAGE Journals Online interface. On the left, there is a navigation menu with 'All Issues' and 'Current Issue' buttons. Below this, a box shows the journal's impact factor: 1.548 and a 5-Year Impact Factor of 2.457. The main content area shows the journal cover for 'Politics & Society' and a list of issues. A red arrow points from the 'Issue 1: Special Issue: Quiet Politics and the Power of Business: New Perspectives in an Era of Noisy Politics' entry to the article details on the right.

Article Menu Close ^

- Download PDF
- Open EPUB

Did you struggle to get access to this article? This product could help you

LEAN Library
A SAGE Publishing Company

- Full Article
- Content List
 - Abstract
 - Unpacking the Concept of Saliency
 - Responses to Increasing Saliency and Noisy Politics
 - The Changing Structure of
- Article Metrics
- Cite
- Share
- Request Permissions

Quiet Politics and the Power of Business: New Perspectives in an Era of Noisy Politics

Glenn Morgan, Christian Lyhne Ibsen

First Published February 8, 2021 | Research Article | Check for updates
<https://doi.org/10.1177/0032329220985749>

Article information v

Abstract

This introduction summarizes the main contributions of this special issue titled "Quiet Politics and the Power of Business: New Perspectives in an Era of Noisy Politics." The four articles in the issue use and extend Culpepper's influential concept of "quiet politics" according to which business is able to shape policies and regulations when issues are of low salience to the public and politicians. The issue takes Culpepper's analysis further in ways that respond to the rise of noisy politics over the last few years, often associated with new strident forms of left- and right-wing populism. Three contributions are made. First, the articles show that salience is not an inherent property of a policy area but is socially constructed. Second, a variety of strategies are described that business uses when trying to keep politics quiet. Third, strategies are affected by the structure of business, which varies across types of capitalism. Future research can use these insights to extend our understanding of the limits, strategies, and dynamics of quiet politics across political economies.

Keywords

quiet politics, business power, policymaking

Introduction to the Special Issue

Politics & Society
2021, Vol. 49(1) 3–16
© The Author(s) 2021
Article reuse guidelines:
sagepub.com/journals-permissions
DOI: 10.1177/0032329220985749
journals.sagepub.com/home/pas
SAGE

Quiet Politics and the Power of Business: New Perspectives in an Era of Noisy Politics*

Glenn Morgan
University of Bristol

Christian Lyhne Ibsen
University of Copenhagen

Abstract
This introduction summarizes the main contributions of this special issue titled "Quiet Politics and the Power of Business: New Perspectives in an Era of Noisy Politics." The four articles in the issue use and extend Culpepper's influential concept of "quiet politics" according to which business is able to shape policies and regulations when issues are of low salience to the public and politicians. The issue takes Culpepper's analysis further in ways that respond to the rise of noisy politics over the last few years, often associated with new strident forms of left- and right-wing populism. Three contributions are made. First, the articles show that salience is not an inherent property of a policy area but is socially constructed. Second, a variety of strategies are described that business uses when trying to keep politics quiet. Third, strategies are affected by the structure of business, which varies across types of capitalism. Future research can use these insights to extend our understanding of the limits, strategies, and dynamics of quiet politics across political economies.

Keywords
quiet politics, business power, policymaking

Corresponding Author:
Christian Lyhne Ibsen, FAOS/Department of Sociology, University of Copenhagen, Øster Farimagsgade 5, Copenhagen K, 1353, Denmark.
Email: cli@faos.dk

*This is one of six articles that constitute a special issue titled "Quiet Politics and the Power of Business: New Perspectives in an Era of Noisy Politics." Some of the articles in the issue were first presented at the SASE annual meeting at the Université Claude Bernard Lyon 1 in June 2017, organized by Glenn Morgan, Christoph Houman Ellersgaard, Stéphanie Ginalska, and Christian Lyhne Ibsen, and at a workshop at the University of Bristol funded by the School of Management and the Political Studies Association section on Labour Movements in June 2018, organized by Glenn Morgan, Christian Lyhne Ibsen, and Magnus Feldmann.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Emerald

[View journal](#)



Journal
Applied Economic Analysis
Editor: Carmen Díaz-Mora, Francisco Requena

[View journal](#)



Journal
Asian Journal of Economics and Business

[View journal](#)

Refine by subject

- Accounting, Finance and Economics
 - Accounting and Finance
 - Economics
- + Business, Management and Strategy
 - Climate Change and the Environment
- + Education and Research Methods
- + Engineering
- + HR, Learning and Organization Studies
- + Health and Social Care Management
- + Information and Knowledge Management
- + Library and Information Science
- + Marketing and PR
- + Operations, Logistics and Quality
- + Property Management and Built Environment
- + Sociology, Criminology and Public Policy
- + Tourism and Hospitality
- + Transport

European Journal of Marketing

Issue(s) available: 400 – From Volume: 1 Issue: 1, to Volume: 55 Issue: 3

Category: Marketing

[Subscribe to table of contents alerts](#)

Search within this journal

[All issues](#) [EarlyCite](#)

- Volume 55
 - Issue 3 2021
 - Issue 2 2021
 - Issue 1 2021

The current issue and full text archive of this journal is available on Emerald Insight at: <https://www.emerald.com/insight/0309-0566.htm>

Placing products in humorous scenes: its impact on brand perceptions

Fanny Fong Yee Chan
Department of Marketing, The Hang Seng University of Hong Kong, Shatin, Hong Kong, and

Ben Lowe
Kent Business School, University of Kent, Canterbury, UK

Impact on brand perceptions

649

Received 13 October 2018
Revised 16 November 2019
24 April 2020
17 August 2020
Accepted 22 August 2020

Abstract

Purpose – This study aims to extend the literature on marketing communications by exploring the effect of placing products in humorous scenes. It aims to ascertain the prevalence of placement scenes associated with humor in television programs and the effect of humor on brand persuasiveness.

Design/methodology/approach – The study used a two-phase research process. A content analysis of prime-time television programming was conducted to map the relative prevalence of brands placed in humorous contexts and for the selection of research stimuli. This was followed by a large-scale experimental study of 1,100 television viewers in Hong Kong with real stimuli that had been digitally manipulated.

Findings – The study found that a humorous context did enhance recall of placed brands but its effect on brand attitudes was mediated by audience involvement in the viewing and moderated by psychological trait reactance. Interestingly, and in contrast to conventional advertising, placing brands in a humorous context led to lower involvement in the viewing, which, in turn, resulted in lower brand attitudes. Individuals with high trait reactance were more positive toward brands placed in a non-humorous context than individuals with high trait reactance while individuals with high trait reactance were more positive toward brands placed in a humorous context, though the difference was less prominent.

Research limitations/implications – The findings help to illustrate when and how a humorous context contributes to the recall of and attitudes toward placed brands.

Practical implications – The results also facilitate marketers and program producers to choose the best placement context and design more effective placement strategies.

Originality/value – This research is the first to empirically examine the effect of a humorous context on the unaided recall of and attitudes toward brands placed in television programs.

Keywords Humor, Product placement, Audience involvement, Psychological trait reactance, Brand recall, Brand attitude

Paper type Research paper

Introduction
Unlike traditional advertising, product placement may overcome consumers' advertising avoidance techniques and allow marketers to communicate with a more captive audience. Product placement is a fast-growing practice and has recorded several consecutive years of growth in revenues (PQ Media, 2020). Product placement is widely researched, and researchers have looked at a range of executional factors that influence its effectiveness,



European Journal of Marketing
Vol. 55 No. 3, 2021
pp. 649-670
© Emerald Publishing Limited
0309-0566
DOI: 10.1108/EJM-10-2018-0711



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Emerald eBooks

Home / Books and journals

Book

inTOXICating FOLLOWERSHIP

Author: Wendy M. Edmonds

[View book](#)

Subject:

Book

"Conflict-Free" Socio-Economic Systems

Editor: Elena G. Popkova

[View book](#)

Subject: Economics

Book

"Counting Black and White Beans": Critical Race Theory in Accounting

Author: Anton Lewis

[View book](#)

Subject:

Refine by title

A B C D E F G H I J K L
M N O P Q R S T U V W X
Y Z 0-9

Refine by subject

- + Accounting, Finance and Economics
- + Business, Management and Strategy
- + Climate Change and the Environment
- + Education and Research Methods
- + Eng...
- + HR...
- + St...
- + Hea...
- + Info...
- + Libr...
- + Mar...
- + Ope...
- + Prop...
- + En...
- + Soc...
- + Po...
- + Tou...
- + Tra...

Conceptual Approaches to Treatment of the Essence of Conflict as an Economic Category

Tatiana N. Litvinova

"Conflict-Free" Socio-Economic Systems

ISBN: 978-1-78769-994-6, eISBN: 978-1-78769-993-9

Publication date: 4 July 2019 [Reprints & Permissions](#)

[OpenURL](#)

PDF (137 KB) ePub (230 KB)

Abstract

Keywords

Conflict Socio-economic system Opportunism Opposition to Innovations Crisis

Management D74 F51 J52 Q34 H12

Citation

Litvinova, T.N. (2019), "Conceptual Approaches to Treatment of the Essence of Conflict as an Economic Category", Popkova, E.G. (Ed.) "Conflict-Free" Socio-Economic Systems, Emerald Publishing Limited, pp. 5-11. <https://doi.org/10.1108/978-1-78769-993-920191002>

[Download as .RIS](#)

Publisher: Emerald Publishing Limited

Chapter 1

Conceptual Approaches to Treatment of the Essence of Conflict as an Economic Category

Tatiana N. Litvinova¹

Introduction

Socio-economic systems are unstable and are subject to conflicts due to certain reasons. First, these systems are complex and have many levels. They include a lot of economic subjects, each of which seeks its own interests. The social nature of economic subjects leads to their limited rationality, which complicates forecasting their behavior and managing them. Second, developing according to the market model, modern economic systems aim at intensive growth and are subject to constant changes.

These changes often conform to the interests of certain economic subjects and contradict the interests of others. Third, socio-economic systems are imperfect – despite multiple attempts at their optimization. Ideal models (including the model of market economy) of development of these systems are very difficult to be implemented in practice. This process becomes more complicated due to differentiation of socio-economic systems and complexity of models' adaptation to their peculiarities.

Due to the above reasons, conflicts are a normal phenomenon, which appears in socio-economic systems. However, the modern economic theory does not have a fundamental scientific paradigm of studying conflicts, which hinders their precise determination and does not allow developing a clear and unambiguous attitude toward economic conflicts (universal or differentiated depending on the classification of conflicts, which is also absent) and managing the conflicts depending on the goals and priorities of socio-economic systems.

¹Volgograd State Agrarian University, Volgograd, Russia. E-mail: litvinova1358@yandex.ru; ORCID: 0000-0003-2136-2767.

"Conflict-Free" Socio-economic Systems: Perspectives and Contradictions, 5–11
Copyright © 2019 by Emerald Publishing Limited
All rights of reproduction in any form reserved
doi:10.1108/978-1-78769-993-920191002

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Emerald Emerging Markets Case Studies

Home / Case collection / Chohan Decoration Services Pakistan – survival amid COVID-19

Chohan Decoration Services Pakistan – survival amid COVID-19

Abdul Rehman Shaikh, Asad Ali Qazi ▾

Emerald Emerging Markets Case Studies

ISSN: 2045-0621

Publication date: 1 December 2020

CASE TEACHING NOTES

Case summary

Learning outcomes

The learning outcomes of this paper is as follows: understand the impact of macroeconomic challenges on startups; gain insights into the effects of self-management attribute over entrepreneurial effectiveness and performance; create a conceptual framework for customer satisfaction; analyze the internal and external factors affecting the entrepreneurial journey of new startups.

Case overview/synopsis

This case revolves around the entrepreneurial journey of Mr Khursheed Chohan who belonged to Sukkur (Pakistan). He started his journey as a daily wage worker in the year 2002 at the age of 17 years. After one year he acquired a rickshaw on rent and would drive the same as a taxi. In the year 2006, he started the job as a private driver. For achieving his dreams, he moved to Karachi (the land of opportunities) at the age of 27 years. During his stay in Karachi, he learned about insights into the wedding decoration industry. Keeping in view the market requirements, he also took some training courses on learning computers. By the age of 34, he returned to his hometown with the will to start his business venture of wedding decoration services. It had been around one year, he was successfully running his business. However, the emergence of Coronavirus (COVID-19) and the imposition of lockdown over businesses were his most recent challenges. While Chohan had pre-booked several orders and secured advance money, shall he be able to survive the COVID-19 effects? Shall he be able to continue his entrepreneurial journey?

Complexity academic level

Chohan Decoration Services Pakistan – survival amid COVID-19

Abdul Rehman Shaikh and Asad Ali Qazi

Introduction

It was March 17, 2020, Mr Khursheed Chohan was having dinner with his family at his home in Sukkur – a town located in Sindh province of Pakistan – when he heard the news of a partial lockdown as announced by the Sindh Government across the province to contain the spread of Novel Coronavirus (COVID-19). The government had announced for the closure of all the restaurants, public parks and banquet halls across the province, along with various departments/offices (Samaa, 2020). The educational institutes were, however, closed across the province since 27th February, after the first case of COVID-19 was reported.

Chohan had established his own business of wedding decoration services in Sukkur, offering the wedding decoration items for rent to residential and commercial clients. He was successfully managing his start-up since January 2019. His venture named Chohan Decoration Services was located at the main airport road Sukkur. Chohan had booked several orders for the supply of decoration items to different banquet halls for about the next 15 days. Then as per market practice, he had also collected the advance money to secure the service orders. However, after the announcement of partial lockdown, the business persons were made responsible to cancel all such future orders and to return the advance deposits to respective customers. While Chohan had already used all the advance deposits over either his domestic needs or over the purchase of some new items for his business; he was not sure whether he shall be able to survive the effects of COVID-19 and continue his entrepreneurial journey.

Chohan's early days

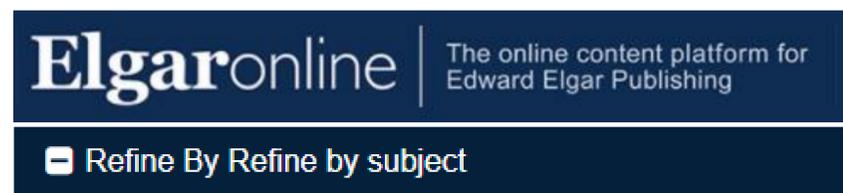
Chohan was born in a socio-economic challenged family. His parents (both) worked day and night, to feed their family. His father would work in a brickfield in a nearby village called "Jahaan Khan." While his mother would work as a maid in different houses. He was the only son of his parents and had two younger sisters. Due to his financial conditions, he could not pursue his education beyond 10th grade. After completing his education in June 2002, he went for work along with his father in the brickfield. He was working as a daily wage worker and earning less than PKR.[1] 2,500 monthly. Realizing that he shall not be able to achieve his dreams, he left the brickfield within six months and acquired a rickshaw[2] on a rental basis. By working for around more than 12 h a day, he could earn around PKR. 4,000 monthly after paying the rent for the rickshaw. He continued driving a rickshaw for around three years when he got an offer to work as a private driver for one of the banking officer. He was offered a fixed salary of PKR. 3,500 per month with one day as weekly off and fixed duty timing of 10 h per day. After his duty with the banking officer, he continued to drive the same rickshaw in evening hours and off days.

Abdul Rehman Shaikh is based at the Directorate of IBA CC and S, Sukkur IBA University, Sukkur, Pakistan. Asad Ali Qazi is based at the Department of Business Administration, Sukkur IBA University, Sukkur, Pakistan.

Disclaimer: This case is written solely for educational purposes and is not intended to represent successful or unsuccessful managerial decision-making. The authors may have disguised names; financial and other recognisable information to protect confidentiality.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Edward Elgaronline



- Refine By Refine by subject
- ▶ Asian Studies (333)
 - ▶ Business and Management (1,228)
 - ▶ Development Studies (553)
 - ▶ Economics and Finance (2,345)
 - ▶ Education (119)
 - ▶ Environment (743)
 - ▶ General Interest (4)
 - ▶ Geography (284)
 - ▶ Innovation and Technology (455)
 - ▶ Law - Academic (1,505)
 - ▶ Law -Professional (90)
 - ▶ Politics and Public Policy (1,291)
 - ▶ Research Methods (113)
 - ▶ Sociology and Social Policy (533)
 - ▶ Sustainable Development Goals (59)
 - ▶ Teaching Methods (19)
 - ▶ Urban and Regional Studies (401)

← Предметные рубрики



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Edward Elgaronline



A Modern Guide to Economic Sociology
Elgar Modern Guides
Edited by Milan Zafirovski

This accessible guide to the rapidly growing and interdisciplinary field of modern economic sociology offers critical insights into its fundamental concepts and developments. International in scope, contributions from leading economic sociologists and sociologically-minded economists explore the intersections and implications for theory and empirical research in both disciplines.

Monograph Book

Published: 15 December 2020
ISBN: 9781789901306
eISBN: 9781789901313
DOI: <https://doi.org/10.4337/9781789901313>
Pages: 368
Collection: Economics 2020

[Buy Book In Print](#)

Table of contents

▶ Expand All | ▼ Collapse All

| | |
|--|---|
| Front Matter | |
| ● Copyright | Download PDF (123.3 KB) |
| ● Contents | Download PDF (96.9 KB) |
| ● Contributors | Download PDF (133.4 KB) |
| ● Chapter 1: Introduction to A Modern Guide to Economic Sociology Milan Zafirovski | Download PDF (344.8 KB) |
| ● Chapter 2: Society and economy: three easy ways to a complex relationship Filippo Barbera | Download PDF (194.3 KB) |
| ● Chapter 3: Institutions and the economy Geoffrey M. Hodgson | |

1. Introduction to *A Modern Guide to Economic Sociology*

Milan Zafirovski

GENERAL CONSIDERATIONS

This volume provides a modern guide to the fundamental concepts, premises and findings of economic sociology within sociological theory and research and its elements and implications in theoretical and empirical economics. Accordingly, it invites and includes contributions from both modern economic sociologists and contemporary sociologically minded – especially institutional, social, political, behavioral and cognitive – economists doing theoretical or empirical work in this and closely related fields.

In general, the concepts, premises and stages of economic sociology within sociological theory and research tend to correspond and converge with its elements and implications in theoretical and empirical economics. Thus, the fundamentals and main developments of economic sociology within sociological analysis appear to be generally compatible with the variations and tendencies in economics. Almost every major concept, premise and stage of economic sociology corresponds, converges and is essentially compatible in various degrees and ways with an element, implication and phase of it in economics, primarily social, institutional, political, behavioral and related economics. This can be considered and formulated as a high degree of correspondence, convergence and compatibility between economic sociology within sociological theory and research and its elements and approximations in theoretical and empirical economics with respect to a shared set of core concepts and premises, as well as a common sequence of phases of development. And this shared set of core principles or a common sequence of phases primarily makes sociology and economics 'sister disciplines' or 'allied' social sciences, probably more than any other ideas or methods do (including 'rational choice theory' or the universal 'economic approach to human behavior' extending from the second to the first discipline).

For illustration, the original, classical idea, premise and phase of economic sociology in sociological theory since Auguste Comte and perhaps even earlier

Monograph Chapter

Published: 15 December 2020
Category: Monograph Chapter
DOI: <https://doi.org/10.4337/9781789901313.00005>
Pages: 1–31 (31 total)
Collection: Economics 2020

[Download PDF \(240.3 KB\)](#)

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

AEA Journals

7 из 9 журналов
проиндексированы
Web of Science и
Scopus



Journal of Economic Perspectives

IF 9.912

2019 JCR Ranking*: 2/373
Economics Category

Годы охвата: от 1987 до 2020 гг.



The American Economic Review

IF 5.558

2019 JCR Ranking: 9/373
Economics Category

Годы охвата: от 1911 до 2021 гг.



Journal of Economic Literature

IF 6.585

2019 JCR Ranking*: 6/373
Economics Category

Годы охвата: от 1969 до 2020 гг.



American Economic Journal:
Applied Economics

IF 5.034

2019 JCR Ranking*: 14/373
Economics Category

Годы охвата: от 2009 до 2021 гг.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

AEA Journals



American Economic Journal: Applied Economics

American Economic Journal: Applied Economics publishes papers covering a range of topics in applied economics, with a focus on empirical microeconomic issues.

[Read more about the AEJ: Applied Economics >](#)

VOLUME 13

January 2021 (Vol. 13, No.1)

VOLUME 12

October 2020 (Vol. 12, No.4)

July 2020 (Vol. 12, No.3)

April 2020 (Vol. 12, No.2)

January 2020 (Vol. 12, No.1)

VOLUME 11

October 2019 (Vol. 11, No.4)

July 2019 (Vol. 11, No.3)

April 2019 (Vol. 11, No.2)

January 2019 (Vol. 11, No.1)

VOLUME 10

October 2018 (Vol. 10, No.4)

July 2018 (Vol. 10, No.3)

April 2018 (Vol. 10, No.2)

January 2018 (Vol. 10, No.1)

Find articles in this issue

Title Abstract Author

All Classifications

Search

Front Matter (pp. i-vi)

The Not-So-Hot Melting Pot: The Persistence of Outcomes for Descendants of the Age of Mass Migration

Zachary Ward

(pp. 73-102)

War of the Waves: Radio and Resistance during World War II

Stefano Gagliarducci, Massimiliano Gaetano Onorato, Francesco Sobbrío and Guido Tabellini

(pp. 1-38)

The Elasticity of Science

Kyle Myers

(pp. 103-34)

E-governance, Accountability in Public Procurement Experiments, and a Financial Market Reform in India

Abhijit Banerjee, Clément Imbert, Mathew and P

(pp. 39-72)

Increasing Affirmative Unintended

Lisa Barrow, L Marisa de la T

(pp. 135-63)

American Economic Journal: Applied Economics 2020, 12(4): 1-38
<https://doi.org/10.1257/app.20190410>

**War of the Waves:
Radio and Resistance during World War II[†]**

By STEFANO GAGLIARDUCCI, MASSIMILIANO GAETANO ONORATO,
FRANCESCO SOBBRIO, AND GUIDO TABELLINI*

We analyze the role of the media in coordinating and mobilizing insurgency against an authoritarian regime, in the context of the Nazi-fascist occupation of Italy during WWII. We study the effect of BBC radio on the intensity of internal resistance. By exploiting variations in monthly sunspot activity that affect the sky-wave propagation of BBC broadcasting toward Italy, we show that BBC radio had a strong impact on political violence. We provide further evidence to document that BBC radio played an important role in coordinating resistance activities but had no lasting role in motivating the population against the Nazi-fascist regime. (JEL D74, L82, N44)

During any war, the transmission of information to troops on the ground is an essential weapon. Information is needed to transmit orders, to coordinate and direct military operations, to warn soldiers of imminent dangers, and also to motivate the troops, letting them know that they are not alone and that they are fighting for a worthy cause. Information is especially important during civil wars or when civilians resist a foreign occupation. In such circumstances, military organizations are looser and less hierarchical, and the need for coordination is accordingly greater; moreover, information about the chances of victory, propaganda, and spreading of

*Gagliarducci: Department of Economics and Finance and CEIS, University of Rome Tor Vergata, Columbia 2, 00133 Roma (Italy), EIEF, IZA, and Dondeca-Università Bocconi (email: stefano.gagliarducci@uniroma2.it); Onorato: Department of Economics, University of Bologna, Piazza Scaravilli 2, 40126, Bologna, Italy (email: massimiliano.onorato@unibo.it); Sobbrío: Department of Economics and Finance, Luiss University, Viale Romania 32, 00197 Roma, Italy, and CESifo (email: fsobbrio@luiss.it); Tabellini: Department of Economics and IGER, Bocconi University, Via Roentgen 1 20136 Milano, Italy, and CIFAR, CEPR, and CESifo (email: Guido.Tabellini@unibocconi.it); Benjamin Olken was coeditor for this article. We thank four anonymous referees, Bruno Caprettini, Mirko Draca, Marco Manasse, Paolo Morandotti, Tommaso Nannicini, Laura Ogliari, Maria Petrova, Giulio Seccia, Andrea Tesci, Joachim Voith, and seminar participants at Queen Mary University of London, University of Siena, Catholic University of Milan, Tor Vergata University, Università Politecnica delle Marche, University of Exeter, the 2019 AEA Annual Meeting, the European Public Choice Society Congress 2018, the 15th Media Economics Workshop at Barcelona GSE, the 1st Political Economy of Development Conference at Warwick University, the 2nd Economics of Media Bias Workshop at Lausanne University, the 2nd Marco Fanno Alumni Workshop, the Petralia Sottana Workshop 2017, and the Italian Congress of Econometrics and Empirical Economics 2017 for many helpful suggestions. We also thank Fabrizio Murè and Fabio Principe for the development of the *RadioPropagAnDa* software, and Filippo Sinagra for his precious insights on cryptography during the Resistance. We are grateful to Ben Olken for providing the software necessary for the *ITM* calculation, Ruben Enikolopov for his help with the *ITM* software and Martin Watkins for sharing his data on BBC transmitters. Riccardo Bianchi Vimercati, Igor Cerasa, Viola Corradini and Nicola Fontana provided an outstanding research assistance.

[†]Go to <https://doi.org/10.1257/app.20190410> to visit the article page for additional materials and author disclosure statement(s) or to comment in the online discussion forum.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

IEEE Xplore

№1 в категории Automation and Control Systems

№1 в категории Computer Science, Artificial Intelligence

№1 в категории Computer Science, Hardware & Architecture

№1 в категории Computer Science, Cybernetics

№1 в категории Computer Science, Information Systems

№1 в категории Telecommunications

№1 в категории Imaging Science & Photographic Technology



IEEE Communications Surveys and Tutorials

IF 23.700

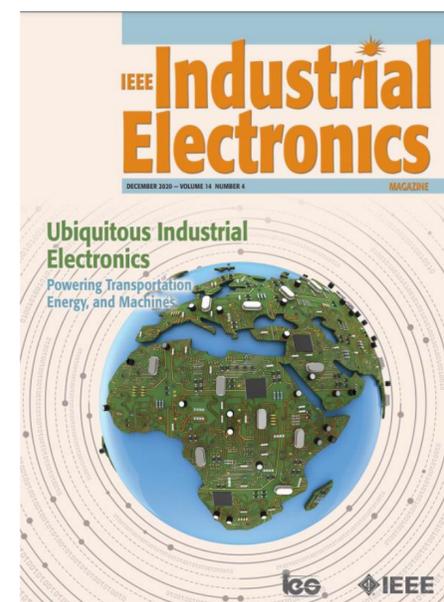
2019 JCR Ranking*: 1/90 Telecommunications Category, 1/156 Computer Science, Information Systems Category

Годы охвата: от 2000 до 2021 гг.



2020 IEEE Eighth International Conference on Communications and Electronics (ICCE)

DOI: 10.1109/ICCE48956.2021

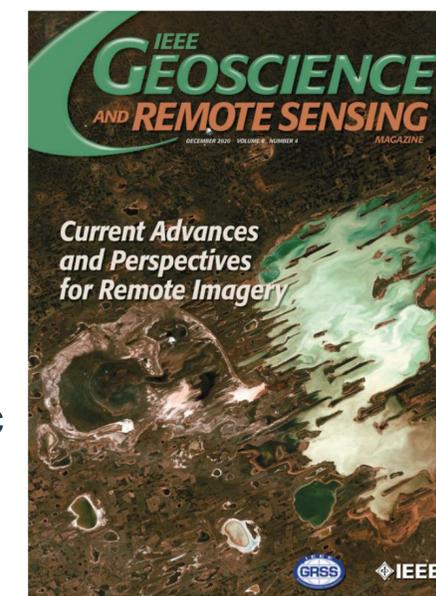


IEEE Industrial Electronics Magazine

IF 13.593

2019 JCR Ranking*: 3/266 Engineering, Electrical & Electronic Category

Годы охвата: от 2007 до 2021 гг.



IEEE Geoscience and Remote Sensing Magazine

IF 13.000

2019 JCR Ranking*: 3/85 Geochemistry & Geophysics Category, 1/27 Imaging Science & Photographic Technology Category

Годы охвата: от 2013 до 2021 гг.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

IEEE Xplore

Browse Journals & Magazines > IEEE Communications Surveys & ...

IEEE Communications Surveys & Tutorials

- Submit Manuscript
- Add Title To My Alerts
- Add to My Favorites

| | | | | | |
|------|---------|--------------|---------------|------------|---------------|
| Home | Popular | Early Access | Current Issue | All Issues | About Journal |
|------|---------|--------------|---------------|------------|---------------|

Click on the volume/year and the corresponding issue you wish to view.

| | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2021 | 2020 | 2019 | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 |
| 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 | 2000 | | | | | |

Issue 1 • Firstquarter-2021 [Get Entire Issue Now](#)

Search within results Download PDFs | Per Page: 25 | Export | Email Selected Results

Showing 1-22 of 22

- Refine
- Select All on Page
 - Table of contents
 - Editorial: First Quarter 2021 IEEE Communications Surveys and Tutorials
 - A Survey on Modulation Techniques in Molecular Communication via Diffusion
 - Design of Polar Codes in 5G New Radio

Journals & Magazines > IEEE Communications Surveys & ... > Volume: 23 Issue: 1

Design of Polar Codes in 5G New Radio

Publisher: IEEE [Cite This](#) [PDF](#)

Valerio Bioglio; Carlo Condo; Ingmar Land [All Authors](#)

13 Paper Citations | 974 Full Text Views

Abstract
Polar codes have attracted the attention of academia and industry alike in the 5th generation wireless systems (5G) standardization process of the 3rd generation partnership project (3GPP) chose polar codes as a channel coding scheme. In this tutorial, we illustrate the encoding process of polar codes adopted by the 5G standard. We illustrate the struggles of designing a family of polar codes able to satisfy the demands of 5G systems, with particular attention to rate flexibility and low decoding latency. The result of these efforts is an elaborate framework that applies novel coding techniques to provide a solid channel code for NR requirements.

Published in: IEEE Communications Surveys & Tutorials (Volume: 23 , Issue: 1)

Page(s): 29 - 40 **DOI:** 10.1109/COMST.2020.2967127

Date of Publication: 17 January 2020 **Publisher:** IEEE

ISSN Information:

SECTION I. Introduction

Polar codes are a class of capacity-achieving codes introduced by Arkan

IEEE COMMUNICATIONS SURVEYS & TUTORIALS, VOL. 23, NO. 1, FIRST QUARTER 2021

Design of Polar Codes in 5G New Radio

Valerio Bioglio, Member, IEEE, Carlo Condo, Member, IEEE, and Ingmar Land, Senior Member, IEEE

Abstract—Polar codes have attracted the attention of academia and industry alike in the past decade, such that the 5th generation wireless systems (5G) standardization process of the 3rd generation partnership project (3GPP) chose polar codes as a channel coding scheme. In this tutorial, we provide a description of the encoding process of polar codes adopted by the 5G standard. We illustrate the struggles of designing a family of polar codes able to satisfy the demands of 5G systems, with particular attention to rate flexibility and low decoding latency. The result of these efforts is an elaborate framework that applies novel coding techniques to provide a solid channel code for NR requirements.

Index Terms—5G mobile communications, standardization, channel coding, block codes, error correction codes, polar codes.

I. INTRODUCTION

POLAR codes are a class of capacity-achieving codes introduced by Arkan [1]. In the past decade, the interest and research effort on polar codes has been constantly rising in academia and industry alike. Within the ongoing 5th generation wireless systems (5G) standardization process of the 3rd generation partnership project (3GPP), polar codes have been adopted as channel coding for uplink and downlink control information for the enhanced mobile broadband (eMBB) communication service. 5G foresees two other frameworks, namely ultra-reliable low-latency communications (URLLC) and massive machine-type communications (mMTC), for which polar codes are among the possible coding schemes.

The construction of a polar code involves the identification of channel reliability values associated to each bit to be encoded. This identification can be effectively performed given a code length and a specific signal-to-noise ratio. However, within the 5G framework, various code lengths, rates and channel conditions are foreseen, and having a different reliability vector for each parameter combination is unfeasible. Thus, substantial effort has been put in the design of polar codes that are easy to implement, having low description complexity, while maintaining good error-correction performance over multiple code and channel parameters.

The majority of available literature does not take into account the specific codes designed for 5G and their encoding process; given their upcoming widespread utilization, the research community would benefit from considering them within error-correction performance evaluations and encoder/decoder designs. Both the encoding and the decoding process can in fact incur substantial speed and complexity overhead, while the performance of decoders is tightly bound to the characteristics of the polar code. Works focusing on hardware and software implementations can effectively broaden their audience by including compliance to the 5G standard.

An industry standard is a document providing specifications for delivering a service agreed upon by a group of competing companies. This agreement allows different manufacturers to create products that are compatible with each other, so that standard details are often the result of a *quid pro quo* among companies. The outcome of the endless discussions and struggles among different agendas is a patchwork of techniques, whose mixture provides acceptable performance; for this reason, a standard usually represents the state-of-the-art of a field more than its pinnacle.

In this paper, we provide a tutorial for the polar code encoding process foreseen by 5G in [2], from the code concatenation, through interleaving functions, to the polar-code specific subchannel allocation and rate-matching schemes. The purpose of this work is to provide the reader with a straightforward, self-contained guide to the understanding and implementation of 5G-compliant encoding of polar codes. While this work does not claim to substitute the reading of the standard, we aim at assisting the reader in its comprehension, restructuring its presentation and reformulating some of the contents to improve readability.

The remainder of the paper is organized as follows. Section II introduces the basics on polar codes, while Section III details more advanced design features, along with concepts used in the 5G encoding process, such as interleaving and rate-matching. Section IV details a step-by-step guide to 5G polar code encoding. Decoding considerations are addressed in Section V, while conclusions are drawn in Section VI.

II. PRELIMINARIES

In this section, we describe the fundamental concepts necessary to familiarize with the structure, the encoding and the decoding of polar codes. This section can be skipped by readers having basic knowledge on the field, while we refer readers interested in further details and examples to [3].

A. Channel Polarization

The channel polarization phenomenon, introduced in [1], consists of a transformation which produces N "synthetic" bit-channels from N independent copies of a binary-input discrete memoryless channel (B-DMC). The new synthetic channels are then "polarized" in the sense that each of them can transmit a single bit at a different reliability, i.e., with a different

Manuscript received January 30, 2019; revised July 5, 2019 and October 16, 2019; accepted December 15, 2019. Date of publication January 17, 2020; date of current version February 24, 2021. (Corresponding author: Valerio Bioglio.)

The authors are with the Mathematical and Algorithmic Sciences Lab, Huawei France, Paris Research Centre, 92100 Boulogne-Billancourt, France (e-mail: valerio.bioglio@huawei.com; carlo.condo@huawei.com; ingmar.land@huawei.com).

Digital Object Identifier 10.1109/COMST.2020.2967127

1553-877X © 2020 IEEE. Personal use is permitted, but republication/redistribution requires IEEE permission. See https://www.ieee.org/publications_standards/publications_standards_info.html for more information.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

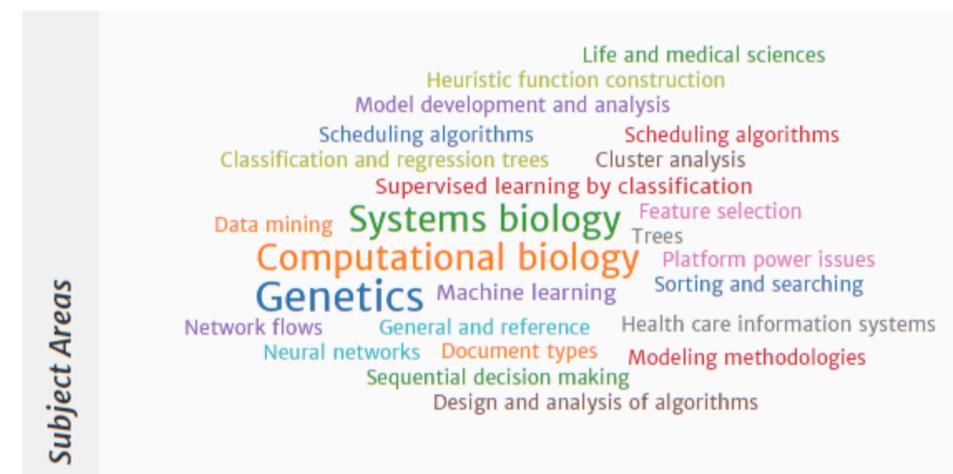
Издания ACM

Search by Subject

| | | |
|---|---|--|
| Artificial Intelligence, Machine Learning, Computer Vision, Natural language processing → | Information Systems, Search, Information Retrieval, Database Systems, Data Mining, Data Science → | Web, Mobile and Multimedia Technologies → |
| Society and the Computing Profession → | Applied Computing: Industry/Business, Physical Sciences, Life Sciences, Education, Law, Forensics, Arts/Humanities, Entertainment → | Graphics and Computer-Aided Design → |
| Networks and Communications → | Architecture, Embedded Systems and Electronics, Robotics → | Hardware, Power and Energy → |
| Human Computer Interaction → | Security and Privacy → | Software Engineering and Programming Languages → |
| Computational Theory, Algorithms and Mathematics → | | |

Bibliometrics

| | | | | |
|-------------------|-----------------------|------------------------|-------------------------------|------------------------------|
| Publication Years | Publication counts | Citation count | Available for Download | Downloads (6 weeks) |
| 2004 - 2020 | 1,946 | 4,658 | 1,945 | 494 |
| | Downloads (12 months) | Downloads (cumulative) | Average Downloads per Article | Average Citation per Article |
| | 22,722 | 261,042 | 134 | 2 |



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Издания АСМ

Digital Government: Research and Practice

Association for Computing Machinery Open Access

Digital Government: Research and Practice (DGOV) is an interdisciplinary Gold Open Access journal that focuses on the potential and impact of technology on governance innovations and its transformation of public institutions. It promotes applied and empirical research from academics, practitioners, designers, and technologists, using political, policy, social, computer, and data sciences methodologies.

Editor-in-Chief: Soon Ae Chun Beth Simone Noveck

| Citation count | Downloads (6 weeks) | Downloads (12 months) | Downloads (cumulative) |
|----------------|---------------------|-----------------------|------------------------|
| 0 | 1,009 | 1,764 | 1,764 |

Sections

Volume 2, Issue 2
March 2021

← Previous Issue Next Issue →

- SECTION: Case Study
- SECTION: COVID-19 Commentaries
- Subjects
- Comments

ACM DIGITAL LIBRARY

Select All

SECTION: Case Study

RESEARCH-ARTICLE OPEN ACCESS **Addressing Regulatory Requirements on Explanations for Automated Decisions with Provenance—A Case Study**

Trung Dong Huynh, Niko Tsakalakis, Ayah Helal, Sophie Stalla-Bourdillon, Luc Moreau

March 2021, Article No.: 16e, pp 1–14 • <https://doi.org/10.1145/3436897>

AI-based automated decisions are increasingly used as part of new services being deployed to the general public. This approach to building services presents significant potential benefits, such as the reduced speed of execution, increased accuracy, ...

0 82

RESEARCH-ARTICLE OPEN ACCESS

Addressing Regulatory Requirements on Explanations for Automated Decisions with Provenance—A Case Study

Authors: Trung Dong Huynh, Niko Tsakalakis, Ayah Helal, Sophie Stalla-Bourdillon, Luc Moreau

[Authors Info & Affiliations](#)

Publication: Digital Government: Research and Practice • January 2021 • Article No.: 16e
• <https://doi.org/10.1145/3436897>

0 82

Addressing Regulatory Requirements on Explanations for Automated Decisions with Provenance—A Case Study 16e

[View all Formats](#) [PDF](#)

Abstract

AI-based automated decisions are increasingly used as part of new services being deployed to the general public. This approach to building services presents significant potential benefits, such as the reduced speed of execution, increased accuracy, lower cost, and ability to adapt to a wide variety of situations. However, equally significant concerns have been raised and are now well documented such as concerns about privacy, fairness, bias, and ethics. On the consumer side, more often than not, the users of those services are provided with no or inadequate explanations for decisions that may impact their lives. In this article, we report the experience of developing a socio-technical approach to constructing explanations for such decisions from their audit trails, or provenance, in an automated manner. The work has been carried out in collaboration with the UK Information Commissioner's Office. In particular, we have implemented an automated Loan Decision scenario, instrumented its decision pipeline to record provenance, categorized relevant explanations according to their audience and their regulatory purposes, built an explanation-generation prototype, and deployed the whole system in an online demonstrator.

CCS Concepts: • Theory of computation → Data provenance; • Security and privacy → Information accountability and usage control; • Social and professional topics → Technology audits; Automation; Socio-technical systems; Governmental regulations;

Additional Key Words and Phrases: Explainable computing, GDPR, automated decisions, data provenance

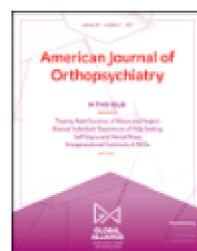
ACM Reference format:
Trung Dong Huynh, Niko Tsakalakis, Ayah Helal, Sophie Stalla-Bourdillon, and Luc Moreau. 2021. Addressing Regulatory Requirements on Explanations for Automated Decisions with Provenance—A Case Study. *Digit. Gov. Res. Pract.* 2, 2, Article 16e (January 2021), 14 pages.
<https://doi.org/10.1145/3436897>

The work presented in this article has been supported by the UK Engineering and Physical Sciences Research Council (EPSRC) via the Impact Acceleration Account at King's College London (Grant [EP/R01559/1]) and via the EPSRC Grant [EP/S02728/1] for the FLEAD project. Authors' addresses: T. D. Huynh, A. Helal, and L. Moreau, Department of Informatics, King's College London, Bush House, 30 Aldwych, London, WC2B 4BG, United Kingdom; emails: {dong.huynh, ayah.helal, luc.moreau}@kcl.ac.uk; N. Tsakalakis and S. Stalla-Bourdillon, University of Southampton, University Road, Southampton, SO17 1BJ, United Kingdom; emails: n.tsakalakis@southampton.ac.uk, s.stalla-bourdillon@python.ac.uk

This work is licensed under a Creative Commons Attribution International 4.0 License.
© 2021 Copyright held by the owner(s).
2639-0175/2021/01-ART16e
<https://doi.org/10.1145/3436897>

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

APA PsycArticles

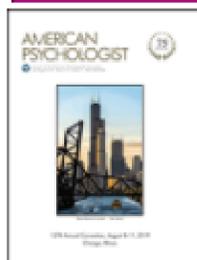


American Journal of Orthopsychiatry

Editors Jill D. McLeigh and William Spaulding

Impact Factor 1.769

Years Covered 1930-Present

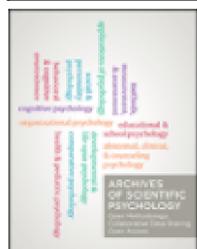


American Psychologist

Editor-in-Chief Anne E. Kazak, PhD

Impact Factor 6.536

Years Covered 1946-Present



Archives of Scientific Psychology

Editor Cecil R. Reynolds, PhD

Years Covered 2013-Present



Asian American Journal of Psychology

Editor Bryan Kim, PhD

Impact Factor 1.051

Years Covered 2009-Present



Aviation Psychology and Applied Human Factors

Editor Harald Kolrep

Years Covered 2011-Present



Behavior Analysis: Research and Practice

Editor Joel E. Ringdahl

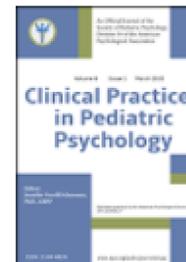
Years Covered 2009-Present



Behavioral Development

Editor Henry S. Roane

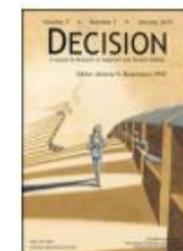
Years Covered 1998-Present



Clinical Practice in Pediatric Psychology

Editor Jennifer Verrill Schurman

Years Covered 2013-Present



Decision

Editor David V. Budescu

Years Covered 2013-Present

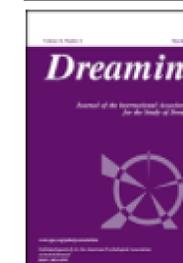


Developmental Psychology

Editor Eric F. Dubow, PhD

Impact Factor 3.063

Years Covered 1969-Present



Dreaming

Editor Deirdre L. Barrett, PhD

Impact Factor 0.776

Years Covered 1991-Present



Emotion

Editor Paula Pietromonaco

Impact Factor 3.177

Years Covered 2001-Present

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

APA PsycArticles

Emotion    

Search Within Journal

All Issues 

Search Full-Text

Journal Snapshot

Online First

View article list

Volumes/Issues

- 2021
 - Volume 21
 - Issue 2 (Mar) 
 - Issue 1 (Feb)
 - 2020
 - Volume 20
 - 2019
 - Volume 19
 - 2018

2021, Volume 21, Issue 2 (Mar) Editor: Paula R. Pietromonaco

Articles

Aging bodies, aging emotions: Interoceptive differences in emotion representations and self-reports across adulthood.
Pages 227-246. MacCormack, Jennifer K.; Henry, Teague R.; Davis, Brian M.; Oosterwijk, Suzanne; Lindquist, Kristen A. <https://doi.org/10.1037/emo0000699>

Abstract PDF Full-Text HTML Permissions Add To My List

Beyond shared signals: The role of downward gaze in the stereotypical representation of sad facial expressions.
Pages 247-259. Semyonov, Olga; Ziv-El, Adi; Krumhuber, Eva G.; Karasik, Shani; Aviezer, Hillel. <https://doi.org/10.1037/emo0000706>

Abstract PDF Full-Text HTML Cited by 1 Permissions Add To My List

Infants' attachment insecurity predicts attachment-relevant emotion regulation strategies in adulthood.
Pages 260-272. Girme, Yuthika U.; Jones, Rachael E.; Fleck, Cory; Simpson, Jeffrey A.; Overall, Nickola C. <https://doi.org/10.1037/emo0000721>

Abstract PDF Full-Text HTML Cited by 1 Permissions Add To My List

Children's emotion perception in context: The role of caregiver touch and relationship quality.
Pages 273-282. Thrasher, Cat; Grossmann, Tobias. <https://doi.org/10.1037/emo0000704>

About the Journal



Current Editor
Paula Pietromonaco

Editorial Board

Impact Factor
3.177

5 Year Impact Factor
4.066

Volumes Covered
1-21

Years Covered
2001-Present

Number of Articles
2046

PDF Annotations

Supplemental Materials

Jump to

- Abstract
- General Method
- Experiment 1: Mere Caregiver Presence
- Experiment 2: Mere Caregiver Presence
- Experiment 3: Caregiver Presence With Handholding
- General Discussion
- References
- Acknowledgements
- Corresponding Author
- Publication History
- Tables & Figures

© 2019 American Psychological Association

Children's Emotion Perception in Context: The Role of Caregiver Touch and Relationship Quality

Cat Thrasher  Tobias Grossmann

Author Affiliations

Thrasher, C., & Grossmann, T. (2021). Children's emotion perception in context: The role of caregiver touch and relationship quality. *Emotion*, 21(2), 273-282. <http://dx.doi.org/10.1037/emo0000704>

Abstract

From early in development, attention to emotional facial expressions is biased toward threat. We examined whether caregiver availability affects children's emotion perception and possibly reduces threat bias. In 3 experiments, 4- and 5-year-old children were asked to detect threatening (angry) and nonthreatening (happy) facial expressions on a touch screen. Children completed the emotion detection task either with or without their caregiver sitting next to them on a bench, first using a between-subjects design where each child completed the task once (Experiment 1; $N = 40$) and then using a within-subjects design where each child completed the task twice (Experiment 2; $N = 20$). In Experiments 1 and 2, mere caregiver presence had no effect on children's emotion detection or threat bias. In Experiment 3, we increased the salience of caregiver presence by having children complete the task while holding hands with their caregiver (Experiment 3; $N = 45$). In dyads reporting high quality child-caregiver relationships, handholding facilitated detection of happy faces and significantly reduced children's threat bias. These findings suggest that caregiver touch impacts emotion perception in children as a function of relationship quality and that caregiver context plays a role in shaping children's responses to their social environment.



Emotion

© 2019 American Psychological Association
DOI: 10.1037/emo0000704

Children's Emotion Perception in Context: The Role of Caregiver Touch and Relationship Quality

Cat Thrasher
University of Virginia

Tobias Grossmann
University of Virginia and Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

From early in development, attention to emotional facial expressions is biased toward threat. We examined whether caregiver availability affects children's emotion perception and possibly reduces threat bias. In 3 experiments, 4- and 5-year-old children were asked to detect threatening (angry) and nonthreatening (happy) facial expressions on a touch screen. Children completed the emotion detection task either with or without their caregiver sitting next to them on a bench, first using a between-subjects design where each child completed the task once (Experiment 1; $N = 40$) and then using a within-subjects design where each child completed the task twice (Experiment 2; $N = 20$). In Experiments 1 and 2, mere caregiver presence had no effect on children's emotion detection or threat bias. In Experiment 3, we increased the salience of caregiver presence by having children complete the task while holding hands with their caregiver (Experiment 3; $N = 45$). In dyads reporting high quality child-caregiver relationships, handholding facilitated detection of happy faces and significantly reduced children's threat bias. These findings suggest that caregiver touch impacts emotion perception in children as a function of relationship quality and that caregiver context plays a role in shaping children's responses to their social environment.

Keywords: emotion perception, threat, touch, child-caregiver relationships
Supplemental materials: <http://dx.doi.org/10.1037/emo0000704.supp>

Early in ontogeny, infants begin to display a threat bias as indexed by attending more readily to threatening over nonthreatening facial expressions (e.g., LoBue & DeLoache, 2010; Vaish, Grossmann, & Woodward, 2008). Later in development, similar to adults, children as young as 3 years of age detect threatening (angry and fearful) facial expressions more quickly than nonthreatening happy, sad, or neutral expressions when the image is embedded among a group of images of another facial expression (Hansen & Hansen, 1998; LoBue, 2009; LoBue, Matthews, Harvey, & Thrasher, 2014; Lundqvist & Ohman, 2005). It has been argued that this threat bias plays an important role in self-preservation and survival, allowing us to quickly and automatically respond to threats (Jessen & Grossmann, 2015; Morris, Ötman, & Dolan, 1999). From a developmental perspective, an early emerging bias toward threatening faces is adaptive as it prepares us to learn about and perceive threats in our environment (LoBue, 2013). Yet there is much evidence to suggest that facial emotion processing, rather than solely depending on the detection of facial features and configuration, is strongly impacted by various contextual factors, including the context in which the facial stimulus is presented (see Barrett, 2017; Barrett, Mesquita, & Gendron, 2011). However, little is known about how the social context of the perceiver impacts facial emotion detection and recognition. Studying such context effects, especially in early development, can inform theories of emotion perception and recognition as it allows us to shed light on how nature and nurture interact to contribute to the development of this essential social skill. For young children, one of the most important social contexts is that which is experienced during caregiver availability, which has been shown to have positive long-term effects on socioemotional development (Tottenham, 2012). Theorizing that infants and children exert considerable effort to maintain close proximity to caregivers for the sake of protection from threats has a long tradition in developmental psychology in general and attachment theory in particular (see Bowlby, 1969; Cassidy & Shaver, 2016). There is also empirical work showing that the online presence of caregivers reduces children's stress responding. For example, caregiver presence during a social stress task buffers 7- to 12-year-old children against a rise in cortisol levels while also increasing oxytocin levels (Schlter, Prosski, Ziegler, & Pollak, 2012). A similar buffering effect on cortisol responses was observed in 9- and 10-year-old children when caregivers were present during the preparation for the social stress task (Hostinar, Johnson, & Gunnar, 2015). At the brain level, using functional MRI (fMRI), 4- to 10-year-old children showed reduced amygdala activation when caregivers were present during the preparation for the social stress task (Hostinar, Johnson, & Gunnar, 2015). At the brain level, using functional MRI (fMRI), 4- to 10-year-old children showed reduced amygdala activation when caregivers were present during the preparation for the social stress task (Hostinar, Johnson, & Gunnar, 2015).

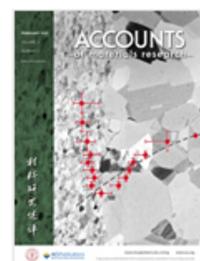
ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

American Chemical Society



Journal
Accounts of Chemical Research

Current Issue: Volume 54, Issue 5 | 2 Mar 2021
ISSN: 0001-4842
EISSN: 1520-4898



Journal
Accounts of Materials Research

Current Issue: Volume 2, Issue 2 | 26 Feb 2021
EISSN: 2643-6728



Journal
Journal of the American Chemical Society

Current Issue: Volume 143, Issue 9 | 10 Mar 2021
ISSN: 0002-7863
EISSN: 1520-5126



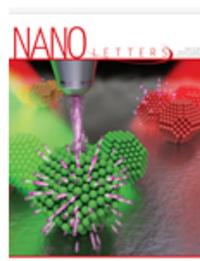
Journal
Chemical Reviews

Current Issue: Volume 121, Issue 5 | 10 Mar 2021
ISSN: 0009-2665
EISSN: 1520-6890



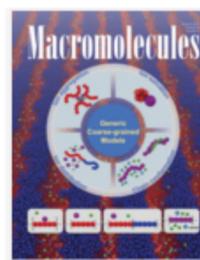
Journal
The Journal of Organic Chemistry

Current Issue: Volume 86, Issue 5 | 5 Mar 2021
ISSN: 0022-3263
EISSN: 1520-6904



Journal
Nano Letters

Current Issue: Volume 21, Issue 5 | 10 Mar 2021
ISSN: 1530-6984
EISSN: 1530-6992



Journal
Macromolecules

Current Issue: Volume 54, Issue 5 | 9 Mar 2021
ISSN: 0024-9297
EISSN: 1520-5835



Journal
Biochemistry

Current Issue: Volume 60, Issue 9 | 9 Mar 2021
ISSN: 0006-2960
EISSN: 1520-4995

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

American Chemical Society

J|A|C|S
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

Editor-in-Chief: Erick Carreira
Editors & Editorial Board

Volume 143, Issue 9
March 10, 2021

Impact Factor 2019: 14.612 | Citations 2019: 556,233

2020s 2010s 2000s 1990s 1980s 1970s 1960s 1950s 1940s 1930s 1920s 1910s 1900s 1890s 1880s 1870s

2021 2020



March 10, 2021 | Vol. 143 Issue 9
pp. 3265-3662
CURRENT ISSUE



March 03, 2021 | Vol. 143 Issue 8
pp. 3017-3264



November 13, 1996 | Vol. 118 Issue 45
pp. 10947-11340

RETURN TO ISSUE | ARTICLE | NEXT >

Electron Transfer Photochemistry of Geraniol and (*E,E*)-Farnesol. A Novel "Tandem", 1,5-Cyclization, Intramolecular Capture

Hengxin Weng, Christopher Scarlata, and Heinz D. Roth

View Author Information ▾

Cite this: *J. Am. Chem. Soc.* 1996, 118, 45, 10947-10953
Publication Date: November 13, 1996
<https://doi.org/10.1021/ja962206z>
Copyright © 1996 American Chemical Society

Article Views: 599 | Altmetric: - | Citations: 11

Share | Add to | Export

Journal of the American Chemical Society

PDF (433 KB) | Supporting Info (1) | SUBJECTS: Transfer reactions, Charge transfer, Anions, Cyclization, Cations

Abstract

The electron transfer photoreaction between 9,10-dicyanoanthracene (DCA) and (*E*)-3,7-dimethylocta-2,6-dien-1-ol (geraniol, (*E*)-propenyl)-*trans*-5-methylcyclopentanemethanol, *cis,trans*-**3**, whereas irradiation of acetonitrile solutions of 1,4-dicyanobenzene (oxabicyclo[3.3.0]octanes (**4**, R = H; **5**, R = *p*-C₆H₄CN). Analogous results are observed in the photoreaction of farnesol ((*E,E*)-**2**) w cosensitizer. The photoreaction of DCB with **1** or **2** has sufficient driving force ($\Delta G = -0.7$ eV in acetonitrile) for the generation of solvent-separated radical ion pairs (SSRIP); in contrast, the marginal driving force ($\Delta G = 0$ eV) of the DCA sensitized reaction allows only the formation of contact radical ion pairs (CRIP). The resulting radical cations react by five-center C-C cyclization, yielding di-tertiary, 2,6-bifunctional methylenecyclopentyl radical cations, *cis*- or *trans*-**B**^{•+}. Subsequent intramolecular hydrogen transfer, generating product **3**. The radical cations, *trans*-**B**^{•+}, of SSRIPs undergo a second cyclization by oxabicyclo[3.3.0]oct-6-yl free radicals, *trans*-**C**.

* In papers with more than one author, the asterisk indicates the name of the author to whom inquiries about the paper should be addressed.

X Abstract published in *Advance ACS Abstracts*, November 1, 1996.

Introduction

The structures and reactions of organic radical cations have been the focus of much interest for the past decade.¹ Among bimolecular reactions, their additions to alkenes² and their nucleophilic capture by alcohols,³

ARTICLE SECTIONS | Jump To ▾

Figure

VOLUME 118, NUMBER 45
NOVEMBER 13, 1996
© Copyright 1996 by the American Chemical Society

JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

Electron Transfer Photochemistry of Geraniol and (*E,E*)-Farnesol. A Novel "Tandem", 1,5-Cyclization, Intramolecular Capture

Hengxin Weng, Christopher Scarlata, and Heinz D. Roth*

Contribution from the Department of Chemistry, Rutgers University, New Brunswick, New Jersey 08855-0939
Received July 31, 1995⁹

Abstract: The electron transfer photoreaction between 9,10-dicyanoanthracene (DCA) and (*E*)-3,7-dimethylocta-2,6-dien-1-ol (geraniol, (*E*)-1 in dichloroethane produces mainly *cis*-2-(2-propenyl)-*trans*-5-methylcyclopentanemethanol, *cis,trans*-**3**, whereas irradiation of acetonitrile solutions of 1,4-dicyanobenzene (DCB) and (*E*)-1 forms mainly two *trans*-fused 3-oxabicyclo[3.3.0]octanes (**4**, R = H; **5**, R = *p*-C₆H₄CN). Analogous results are observed in the photoreaction of farnesol ((*E,E*)-**2**) with DCB in the presence of phenanthrene as cosensitizer. The photoreaction of DCB with **1** or **2** has sufficient driving force ($\Delta G = -0.7$ eV in acetonitrile) for the generation of solvent-separated radical ion pairs (SSRIP); in contrast, the marginal driving force ($\Delta G = 0$ eV) of the DCA sensitized reaction allows only the formation of contact radical ion pairs (CRIP). The resulting radical cations react by five-center C-C cyclization, yielding di-tertiary, 2,6-bifunctional methylenecyclopentyl radical cations, *cis*- or *trans*-**B**^{•+}. Subsequently, CRIPs undergo rapid back electron transfer and intramolecular hydrogen transfer, generating product **3**. The radical cations, *trans*-**B**^{•+}, of SSRIPs undergo a second cyclization by intramolecular nucleophilic capture, generating 3-oxabicyclo[3.3.0]oct-6-yl free radicals, *trans*-**C**.

Introduction

The structures and reactions of organic radical cations have been the focus of much interest for the past decade.¹ Among bimolecular reactions, their additions to alkenes² and their nucleophilic capture by alcohols,³ whose reactions are rationalized via five membered ring biradicals as preferred intermediates ("rule of five")⁴ nonconjugated alkenyl radicals also prefer five-center cyclizations.⁵ Since the main difference between the excited states of nonconjugated dienes, on the one hand, and the corresponding radical cations, on the other, is the presence or absence of an electron in an antibonding orbital, one might have expected similar reactivity for the two types of intermediates.

Considering that the 1,6-cyclization of the 2,5-dialkylhexadiene radical cations benefits from a stabilizing effect of the phenyl groups in the 1,4-diyli intermediate,⁶ we have begun to investigate electron transfer induced reactions of hexadiene

S0002-7863/96/02206-8 CCC: \$12.00 © 1996 American Chemical Society

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

American Institute of Physics

| | | | | | | | | | |
|--|----------------------------|---|---------------------------------|---------------------------------|---|---|---|-------------------------|--------------------------------|
| | | | | | | | | | |
| AIP Advances | AIP Conference Proceedings | APL Bioengineering | APL Materials | APL Photonics | Journal of Physical & Chemical Reference Data | Journal of Renewable & Sustainable Energy | Journal of Undergraduate Reports in Physics | Low Temperature Physics | Magnetism & Magnetic Materials |
| | | | | | | | | | |
| Applied Physics Letters | Applied Physics Reviews | AVS Quantum Science (co-published with AVS) | Biomicrofluidics | Biophysics Reviews | Matter and Radiation at Extremes | Nanotechnology and Precision Engineering | Physics of Fluids | Physics of Plasmas | Physics Today |
| | | | | | | | | | |
| Chaos: An Interdisciplinary Journal of Nonlinear Science | Chemical Physics Reviews | Journal of Applied Physics | The Journal of Chemical Physics | Journal of Mathematical Physics | Review of Scientific Instruments | Scilight | Structural Dynamics (co-published with ACA) | | |

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

American Institute of Physics

AIP Journal of Applied Physics

Browse Collections

Browse Volumes

- 129 (2021) ^
- Issue 10, March 14
- Issue 9, March 07**
- Issue 8, February 28
- Issue 7, February 21
- Issue 6, February 14
- Issue 5, February 07
- Issue 4, January 28
- Issue 3, January 21
- Issue 2, January 14
- Issue 1, January 07

Table of Contents

< PREV NEXT >

Volume 129, Issue 9, 07 March 2021

Filter By Section DISPLAY: 20 50 100 all

EDITORIALS

Full . March 2021

Meeting today's needs in applied physics publishing

André Anders

Journal of Applied Physics 129, 090401 (2021); <https://doi.org/10.1063/5.0047440>

PDF ADD TO FAVORITES SHARE EXPORT CITATION

Full . Published Online: 05 March 2021 Accepted: February 2021

Meeting today's needs in applied physics publishing

Journal of Applied Physics 129, 090401 (2021); <https://doi.org/10.1063/5.0047440>

André Anders, Editor-in-Chief

View Affiliations

PDF FIRST PAGE **FULL TEXT** FIGURES TOOLS

TOPICS

- Scholarly publishing
- Alloys
- Conference
- Materials science
- Thermolectrics
- Semiconductors
- Review
- Physics journal

Journal of Applied Physics defines itself as a community-serving journal for research in the field of applied physics. While this may be clear, the editors of the journal asked: What can we do better to meet the needs of the applied physics community? This editorial is a brief report on our recent activities.

As a top priority, we continue to ensure robust peer review such that only high-quality work is published: we strictly follow the publication criteria defined by the "raising the bar" policies introduced some years ago.¹ These criteria, which are clearly outlined on the journal's website, are applied uniformly by our large, international team of associate editors. They are all working professionals, professors at universities or researchers at national laboratories, who have a close relationship to their scientific community and who use their specific knowledge to make informed decisions.

This knowledge is also used to identify and promote Special Topics in the journal. Working with Guest Editors, all of whom are well-known experts in their field, we have significantly increased our output in the form of *Special Topic Collections*. Based on suggestions by editors and members of the Editorial Advisory Board, the range of Special Topics now covers the full range of our Table of Contents. Guest Editors define the scope and direction of Special Topics, which is the base for their success.

Guest Editors Wladek Walukiewicz (University of California, Berkeley), Lawrence Berkeley National Laboratory) and Joshua Zide (University of Delaware) organized the Special Topic, "Highly Mismatched Semiconductor Alloys," which saw 42 accepted papers, with Associate Editors Rachel S. Goldman (University of Michigan) and Kin Man Yu (City University Hong Kong) organizing peer review. The Special Topic Collections "Advanced Thermolectrics," where Ryoji Funahashi (AIST Osaka, Japan), George S. Nolas, and Lilia Woods (both University South Florida) served as Guest Editors, with Deputy Editor Simon Philippot (University of Florida) working behind the scenes, contains 53 published papers. An even larger collection with 63 papers was the Special Topic "Defects in Semiconductors 2020," with Guest Editors Matthew D. McCluskey (Washington State University) and Anderson Janotti (University of Delaware) as organizers of the

Journal of Applied Physics EDITORIAL scitation.org/journal/jap

Meeting today's needs in applied physics publishing

Cite as: J. Appl. Phys. 129, 090401 (2021); doi: 10.1063/5.0047440
 Submitted: 13 February 2021 · Accepted: 17 February 2021 · Published Online: 5 March 2021

André Anders

AFFILIATIONS
 Leibniz Institute of Surface Engineering (IOM), Permoserstr. 15, Leipzig 04318, Germany

Journal of Applied Physics defines itself as a community-serving journal for research in the field of applied physics. While this may be clear, the editors of the journal asked: What can we do better to meet the needs of the applied physics community? This editorial is a brief report on our recent activities.

As a top priority, we continue to ensure robust peer review such that only high-quality work is published: we strictly follow the publication criteria defined by the "raising the bar" policies introduced some years ago.¹ These criteria, which are clearly outlined on the journal's website, are applied uniformly by our large, international team of associate editors. They are all working professionals, professors at universities or researchers at national laboratories, who have a close relationship to their scientific community and who use their specific knowledge to make informed decisions.

This knowledge is also used to identify and promote Special Topics in the journal. Working with Guest Editors, all of whom are well-known experts in their field, we have significantly increased our output in the form of *Special Topic Collections*. Based on suggestions by editors and members of the Editorial Advisory Board, the range of Special Topics now covers the full range of our Table of Contents. Guest Editors define the scope and direction of Special Topics, which is the base for their success.

Guest Editors Wladek Walukiewicz (University of California, Berkeley), Lawrence Berkeley National Laboratory) and Joshua Zide (University of Delaware) organized the Special Topic, "Highly Mismatched Semiconductor Alloys," which saw 42 accepted papers, with Associate Editors Rachel S. Goldman (University of Michigan) and Kin Man Yu (City University Hong Kong) organizing peer review. The Special Topic Collections "Advanced Thermolectrics," where Ryoji Funahashi (AIST Osaka, Japan), George S. Nolas, and Lilia Woods (both University South Florida) served as Guest Editors, with Deputy Editor Simon Philippot (University of Florida) working behind the scenes, contains 53 published papers. An even larger collection with 63 papers was the Special Topic "Defects in Semiconductors 2020," with Guest Editors Matthew D. McCluskey (Washington State University) and Anderson Janotti (University of Delaware) as organizers of the

partnering 30th International Conference on Defects in Semiconductors, and several Associate Editors taking care of peer review. My thanks to them and all the others who published a record number of Special Topics in *Journal of Applied Physics* in 2020.

As mentioned previously,¹ Special Topics are now assembled as virtual Collections, so each manuscript is published upon acceptance and collected online. This contributes to the need of publishing in a timely fashion. Indeed, we recognize that publishing fast is not just a question for Special Topics but one of the top priorities for all authors. We aim to accelerate the overall process considerably in 2021 and thereby better meet the needs of the community.

In addition to publishing research articles, in 2016 we introduced new publication formats in the way of Invited Perspectives and Invited Tutorials. These invited papers enjoy great popularity in the community as judged by exceptional downloads (on average 1250 downloads per article in the first year of publication) and citations (on average 10 citations per article per year in the first two years after publication). In 2020, *Journal of Applied Physics* introduced yet another type of article: *Methods*. A *Method* article is an original report on an innovative experimental, computational, or theoretical technique in applied physics. Unlike the usual research article, the significance and novelty of the advance is the new or improved method itself, not necessarily the research results. By introducing *Methods*, *Journal of Applied Physics* offers a greater coverage of publication needs.

The ideas for invited and selected content do not only come from Associate Editors but members of the Editorial Advisory Board. The Advisory Board was greatly expanded in 2020 to be more diverse in gender and geography, and now also includes a much greater number of early career members. Clearly, we want to meet the needs of the entire community, and especially listen to what is expected from a large and modern journal.

I like to conclude my notes with special thanks to Associate Editors Lian Mao Peng of Peking University, Harsharan Seikath of the University of South Florida, Valentino R. Cooper of Oak Ridge National Laboratory, and Robert C. Birtcher of Argonne National

J. Appl. Phys. 129, 090401 (2021); doi: 10.1063/5.0047440
 Published under license by AIP Publishing.

129, 090401-1

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

American Physical Society

Volume 126, Issue 10 (partial)
12 March 2021



HIGHLIGHTED ARTICLES

LETTERS

- General Physics: Statistical and Quantum Mechanics, Quantum Information, etc.
- Gravitation and Astrophysics
- Elementary Particles and Fields
- Atomic, Molecular, and Optical Physics
- Nonlinear Dynamics, Fluid Dynamics, Classical Optics, etc.
- Condensed Matter: Structure, etc.
- Condensed Matter: Electronic Properties, etc.
- Polymer, Soft Matter, Biological, Climate, and Interdisciplinary Physics

COMMENTS

HIGHLIGHTED ARTICLES

Featured in Physics Editors' Suggestion

Robust and Efficient High-Dimensional Quantum State Tomography

Markus Rambach, Mahdi Qaryan, Michael Kewming, Christopher Ferrie, Andrew G. White, and Jacqueline Romero
Phys. Rev. Lett. **126**, 100402 (2021) – Published 10 March 2021

PhysiCS Synopsis: Measuring Higher Dimensional "Qudits" for Computation



With a technique called self-guided tomography, we can accurately measure the states of qudits—quantum particles with more than two dimensions.

Show Abstract +

Featured in Physics Editors' Suggestion

Traversable Wormholes in Einstein-Dirac-Maxwell Theory

Jose Luis Blázquez-Salcedo, Christian Knoll, and Eugen Radu
Phys. Rev. Lett. **126**, 101102 (2021) – Published 9 March 2021

PhysiCS Synopsis: Wormholes Open for Transport



New theories of wormholes—postulated tunnels in spacetime—explore whether they could be traversed by humans.

Show Abstract +

Robust and Efficient High-Dimensional Quantum State Tomography

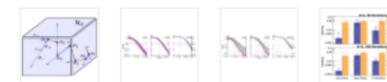
Markus Rambach, Mahdi Qaryan, Michael Kewming, Christopher Ferrie, Andrew G. White, and Jacqueline Romero
Phys. Rev. Lett. **126**, 100402 – Published 10 March 2021

PhysiCS See synopsis: Measuring Higher Dimensional "Qudits" for Computation

Article References No Citing Articles Supplemental Material PDF HTML

ABSTRACT

The exponential growth in Hilbert space with increasing size of a quantum system means accurately characterizing the system becomes significantly harder with system dimension d . We show that self-guided tomography is a practical, efficient, and robust technique of measuring high-dimensional quantum states. The achieved fidelities are over 99.9% for qutrits ($d = 3$) and 99.1% for ququints ($d = 5$), and 99.1% for quvigints ($d = 20$)—the highest values ever realized for qudit pure states. We also show excellent performance for mixed states, achieving average fidelities of 96.5% for qutrits. We demonstrate robustness against experimental sources of noise, both statistical and environmental. The technique is applicable to any higher-dimensional system, from a collection of qubits through to individual qudits, and any physical realization, be it photonic, superconducting, ionic, or spin.



Received 1 October 2020 Revised 12 January 2021 Accepted 5 February 2021

DOI: <https://doi.org/10.1103/PhysRevLett.126.100402>

PHYSICAL REVIEW LETTERS **126**, 100402 (2021)

Editors' Suggestion Featured in Physics

Robust and Efficient High-Dimensional Quantum State Tomography

Markus Rambach^{1,2,*}, Mahdi Qaryan^{1,2}, Michael Kewming^{1,2}, Christopher Ferrie,³ Andrew G. White^{1,2}, and Jacqueline Romero^{1,2,†}

¹Australian Research Council Centre of Excellence for Engineered Quantum Systems, Brisbane, Queensland 4072, Australia
²School of Mathematics and Physics, University of Queensland, Brisbane, Queensland 4072, Australia
³Centre for Quantum Software and Information, University of Technology Sydney, Sydney, New South Wales 2007, Australia

(Received 1 October 2020; revised 12 January 2021; accepted 5 February 2021; published 10 March 2021)

The exponential growth in Hilbert space with increasing size of a quantum system means that accurately characterizing the system becomes significantly harder with system dimension d . We show that self-guided tomography is a practical, efficient, and robust technique of measuring higher-dimensional quantum states. The achieved fidelities are over 99.9% for qutrits ($d = 3$) and ququints ($d = 5$), and 99.1% for quvigints ($d = 20$)—the highest values ever realized for qudit pure states. We also show excellent performance for mixed states, achieving average fidelities of 96.5% for qutrits. We demonstrate robustness against experimental sources of noise, both statistical and environmental. The technique is applicable to any higher-dimensional system, from a collection of qubits through to individual qudits, and any physical realization, be it photonic, superconducting, ionic, or spin.

DOI: 10.1103/PhysRevLett.126.100402

Quantum systems are often naturally high dimensional, and indeed in most quantum information architectures it is necessary to collapse this dimensionality to realize qubits. However, there are many situations where high dimensionality is advantageous. For practical applications like quantum communication, implementing *qudits* rather than qubits brings about higher information capacity [1] and enhanced robustness against eavesdropping [2]. For quantum computation, qudits can lead to efficient distillation of resource states [3] and simplified gates [4]. For quantum foundations, qudits afford more robust violations of Bell [5] and entropic inequalities [6]. Qudits have now been realized in a variety of physical architectures including photon shape [7,8], trapped ions [9,10], superconducting circuits [11,12], and color-center spins [13].

In order to benefit from qudits, we need to be able to physically implement, control, and measure them. Measuring the full quantum state via quantum state tomography is particularly challenging, as the parameter space for qudits grows as $d^{2n} - 1$, where d is the qudit dimension and n is the number of qudits [14–16]. Alternative methods for state tomography that require fewer measurements have been proposed and implemented, including compressed sensing [17,18] and adaptive [19–21] tomography, but these are still computationally expensive and sensitive to noise and experimental errors. A recent proposal, self-guided quantum state tomography [22] (henceforth referenced as self-guided tomography), offers the promise of high accuracy and precision with fewer measurements, high robustness, and no postprocessing, but has been tested only in low dimension (two qubits, $d = 4$ [23]), and is untested—particularly in terms of robustness and sensitivity—for systems of high dimensionality.

Here we implement self-guided tomography on three-, five-, and 20-dimensional photon-shape qudits, achieving the highest measurement fidelities ever realized for qudits, from 99.92 $^{+0.04}_{-0.17}$ % for qutrits, $d = 3$, to 99.1 $^{+0.2}_{-0.6}$ % for quvigints, $d = 20$. We show that in high dimensions self-guided tomography outperforms standard tomography, both in terms of achievable fidelity for the same number of copies of the unknown state and in overcoming errors due to mode-dependent losses, which often prevents standard tomography from converging on the true state. We test the robustness of self-guided tomography against statistical noise and atmospheric turbulence for different dimensionalities, and show excellent agreement between theory

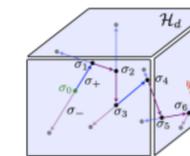


FIG. 1. Schematic representation of self-guided tomography for an arbitrary dimensional qudit in a Hilbert space \mathcal{H}_d . Starting from σ_0 (left, green), we are trying to estimate the unknown state ψ (right, red). The algorithm calculates two directions, σ_+ in blue and σ_- in purple, and determines their projections. The next state σ_1 is found by updating σ_0 according to Eq. (2). This process is repeated for a set number of iterations with decreasing step size, following the opaque path of highest overlaps, until a final state estimate (here very close to the unknown state ψ) is obtained.

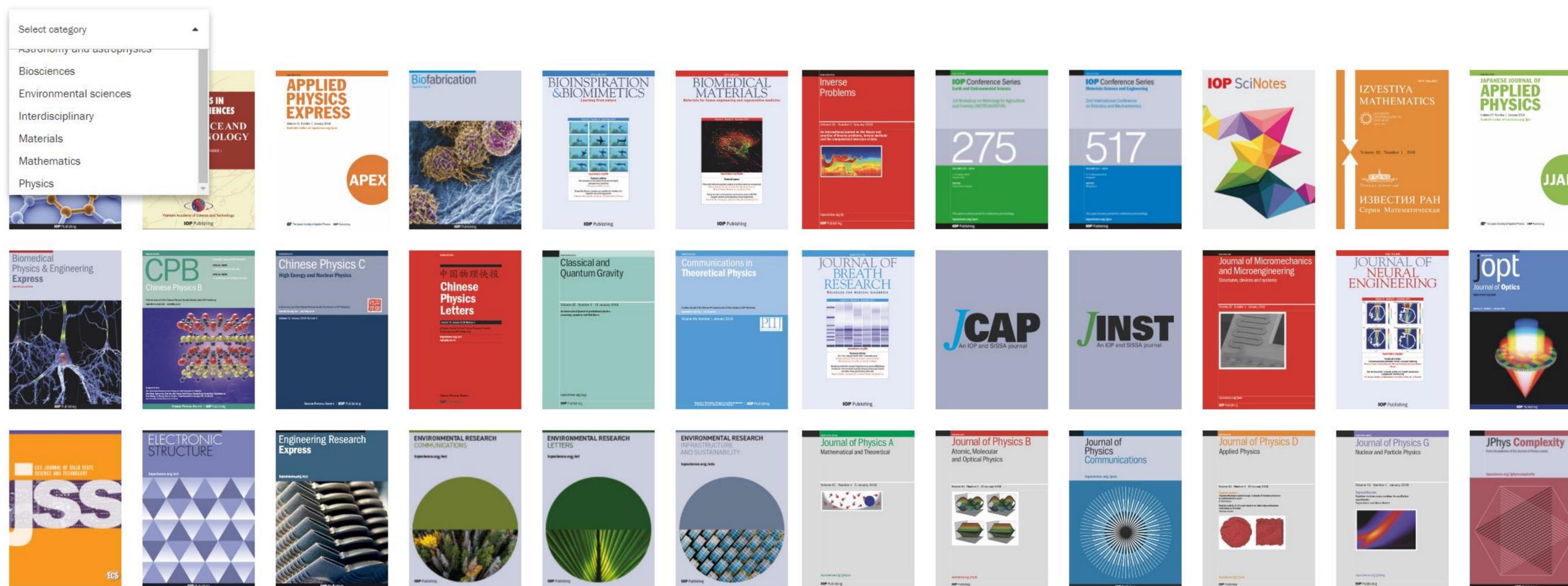
0031-9007/21/126(10)/100402(6)

100402-1

© 2021 American Physical Society

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Institute of Physics



ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Institute of Physics

Nanotechnology



Nanotechnology encompasses the understanding of the fundamental physics, chemistry, biology and technology of nanometre-scale objects.

[Submit an article](#) [Track my article](#)

[RSS](#) [Sign up for new issue notifications](#)

Current volume

Number 22, 28 May 2021 [Go](#)

Journal archive

Vol 32, 2021 [Go](#)

Focus issues

Focus on Topological Science an [Go](#)

Nanostructured lipid carrier co-delivering paclitaxel and doxorubicin restrains the proliferation and promotes apoptosis of glioma stem cells via regulating PI3K/Akt/mTOR signaling

Lisha Chang *et al* 2021 *Nanotechnology* 32 225101

[+ Open abstract](#) [View article](#) [PDF](#)

Fabrication and application of nanoporous anodic aluminum oxide: a review

Sixiang Liu *et al* 2021 *Nanotechnology* 32 222001

[+ Open abstract](#) [View article](#) [PDF](#)

Thermochromic VO₂-SiO₂ composite coating from ammonium citrate-oxovanadate(IV)

Jing Zhang *et al* 2021 *Nanotechnology* 32 225402

[+ Open abstract](#) [View article](#) [PDF](#)

Novel 2D B₂S₃ as a metal-free photocatalyst for water splitting

Xiaoteng Li *et al* 2021 *Nanotechnology* 32 225401

[+ Open abstract](#) [View article](#) [PDF](#)

Synthesis and bioconjugation of alkanethiol-stabilized gold bipyramid nanoparticles

Mohammad M Abdul-Moqueet *et al* 2021 *Nanotechnology* 32 225601

[+ Open abstract](#) [View article](#) [PDF](#)

Nanotechnology

TOPICAL REVIEW

Fabrication and application of nanoporous anodic aluminum oxide: a review

Sixiang Liu¹, Junlong Tian^{3,1} and Wang Zhang²

Published 10 March 2021 • © 2021 IOP Publishing Ltd

[Nanotechnology, Volume 32, Number 22](#)

Citation Sixiang Liu *et al* 2021 *Nanotechnology* 32 222001

[Article PDF](#)

[Figures](#) [References](#)

[+ Article information](#)

Abstract

Due to the unique optical and electrochemical properties, large surface area, tunable properties, high thermal stability, nanoporous anodic aluminum oxide (AAO) has become one of the most popular materials with a large potential to develop emerging applications in numerous areas, including biosensors, desalination, high-risk pollutants detection, capacitors, solar cell devices, photonic crystals, template-assisted fabrication of nanostructures, and so on. This review covers the mechanism of formation, manufacturing technology, the relationship between the properties of AAO and fabrication conditions, and applications of AAO. Properties of AAO, like pore diameter, interpore distance, wall thickness, and anodized aluminum layer thickness, can be fully controlled by fabrication conditions, including electrolyte, applied voltage, anodizing and widening time. Generally speaking, the pore diameter of AAO will affect its specific application to a large extent. Moreover, manufacturing technology like one/two/multi step anodization, nanoimprint lithography anodization, and pulse anodization also have a major impact on overall array arrangement. The review aims to provide a perspective overview of the relationship between applications and their corresponding AAO pore sizes, systematically. And the review also focuses on the strategies by which the structures and functions of AAO can be utilized.

40 Total downloads

[Turn on MathJax](#)

[Get permission to re-use this article](#)

IOP Publishing
Nanotechnology 32 (2021) 222001 (20pp)
<https://doi.org/10.1088/1361-6528/ab2031>

Topical Review

Fabrication and application of nanoporous anodic aluminum oxide: a review

Sixiang Liu¹, Junlong Tian^{3,1} and Wang Zhang²

¹Human Key Laboratory of Micro-Nano Energy Materials and Devices, Laboratory for Quantum Engineering and Micro-Nano Energy Technology, School of Physics and Optoelectronic, Xiangtan University, Hunan 411105, People's Republic of China
²State Key Laboratory of Metal Matrix Composites, Shanghai Jiao Tong University, 800 Dongchuan Road, Shanghai 200240, People's Republic of China
E-mail: jltian66@stu.edu.cn

Received 30 July 2020, revised 9 November 2020
Accepted for publication 1 February 2021
Published 10 March 2021



Abstract
Due to the unique optical and electrochemical properties, large surface area, tunable properties, and high thermal stability, nanoporous anodic aluminum oxide (AAO) has become one of the most popular materials with a large potential to develop emerging applications in numerous areas, including biosensors, desalination, high-risk pollutants detection, capacitors, solar cell devices, photonic crystals, template-assisted fabrication of nanostructures, and so on. This review covers the mechanism of AAO formation, manufacturing technology, the relationship between the properties of AAO and fabrication conditions, and applications of AAO. Properties of AAO, like pore diameter, interpore distance, wall thickness, and anodized aluminum layer thickness, can be fully controlled by fabrication conditions, including electrolyte, applied voltage, anodizing and widening time. Generally speaking, the pore diameter of AAO will affect its specific application to a large extent. Moreover, manufacturing technology like one/two/multi step anodization, nanoimprint lithography anodization, and pulse/cyclic anodization also have a major impact on overall array arrangement. The review aims to provide a perspective overview of the relationship between applications and their corresponding AAO pore sizes, systematically. And the review also focuses on the strategies by which the structures and functions of AAO can be utilized.

Keywords: anodic aluminum oxide (AAO), self-ordering anodization, biosensors, photonic crystals, template, desalination, capacitor

(Some figures may appear in colour only in the online journal)

1. Introduction
By some estimates, nanotechnology promises to far exceed the impact of the industrial revolution [1]. Nanomaterials are engineered structures with at least one-dimensional dimensions of 100 nm or less, and are increasingly used for commercial purposes, such as filters, sunscreens, catalysts, semiconductors, cosmetics, microelectronics, and drug carriers [1]. In the past decades, various methods have been developed for the manufacture of nanomaterials, such as photolithography, scanning beam lithography, molding, embossing, and imprinting [2, 3]. However, these techniques are expensive and inherently complex. Due to the features of electrochemical technique like simplicity and inexpensive electrochemical fabrication, nanoporous materials prepared by electrochemical technique have a large potential for emerging applications [4–9]. Nanoporous anodic aluminum oxide (AAO) is one of the most widely used nanomaterials

* Author to whom any correspondence should be addressed

0957-4484/21/222001-20\$33.00 © 2021 IOP Publishing Ltd Printed in the UK

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Springer Nature



Volume 591 Issue 7849, 11 March 2021

Editorial

Editorial | 09 March 2021

Nuclear technology's role in the world's energy supply is shrinking

Anniversaries of the Fukushima and Chernobyl disasters highlight the challenges of relying on nuclear power to cut net carbon emissions to zero.

Editorial | 10 March 2021

Growing support for valuing ecosystems will help conserve the planet

The idea that ecosystems have monetary value now has global support — and creates a route to protecting Earth's endangered regions.

World View

World View | 03 March 2021

COVID vaccination studies: plan now to pool data, or be bogged down in confusion

Incompatible research designs will obscure essential answers about vaccine effectiveness. It's time to plan together.

Natalie Dean

Research Highlights

Research Highlight | 04 March 2021

Microbial makers help humans to build tough stuff

Researchers enlist bacteria to make a synthetic composite material that is more damage-resistant than its natural counterparts.

Research Highlight | 04 March 2021

How long should a conversation last? The people involved haven't a clue

Participants in a tête-à-tête often misjudge when the other person is ready to call it quits.

The international journal of science / 11 March 2021

nature

Nuclear power will have a limited role in the world's energy

The Fukushima and Chernobyl disasters highlight the challenges of relying on nuclear power to cut net carbon emissions to zero.

It is not enough to take this weapon out of the hands of the soldiers. It must be put into the hands of those who will know how to strip its military casing and adapt it to the arts of peace."

These stirring words, spoken in 1953 by then US president Dwight Eisenhower, are worth recalling as the world marks the anniversaries of two devastating tragedies involving nuclear technology: the Fukushima disaster in Japan on 11 March 2011, and the catastrophic accident at Chernobyl in what is now Ukraine on 26 April 1986.

In Japan, some 19,300 lives were lost as a result of an earthquake that occurred off the island of Honshu and the tsunami that followed. The tsunami also swept over the protective sea wall around the Fukushima Daiichi nuclear power plant, and the subsequent flooding led to the partial meltdown of three reactor cores, causing fires and explosions. Twenty-five years earlier, human error resulted in a meltdown at the Chernobyl site, blowing the roof off a nuclear reactor and releasing radiation across Europe.

Today, nuclear power supplies about 10% of the world's energy, down from 13% in 2010. Its use might continue to fall, although it will remain a part of the global energy mix for many decades, with a role in decarbonizing energy supplies as the fossil-fuel age comes to a close.

Successive disasters have depleted the public optimism that accompanied Eisenhower's 1953 address to the United Nations General Assembly. Today, his speech is a reminder that nuclear power shares a common ancestor with weapons of mass destruction. Both of these factors have stymied nuclear energy's great promise as a source of fuel.

New reactors continue to be planned and built — in China and India, for example. But, as the International Energy Agency (IEA) has noted, overall uptake of nuclear energy, especially in high-income countries, is below what it calls its Sustainable Development Scenario. And, set against the falling costs of energy produced from renewable sources such as solar and wind power, it is possible that the demand for nuclear energy will not rebound.

With attention focused on nuclear disasters, it's hard to imagine the enthusiasm with which nuclear energy was once regarded, when it was seen by many as one answer to global energy demand. From the first experimental reactor in 1951, reactors were commissioned at an increasing rate, with 20–30 commissioned almost every year during a peak

period between the late 1960s and the end of the 1970s. A fire in 1957 at one of the United Kingdom's power plants, Windscale — later renamed Sellafield — did not impede the global rate of growth.

But that changed after the 1979 disaster at the Three Mile Island plant in Pennsylvania, where a cooling malfunction led to part of a reactor core melting down. Fortunately, that did not lead to any loss of life, but, 7 years later, some 31 people died as a direct result of the Chernobyl disaster. Many more have been affected by the radiation that spread across what was then the Soviet Union, as well as Eastern and Western Europe, but the numbers remain contested. During the Fukushima disaster, up to 50 people sustained non-fatal radiation burns, and one person subsequently died from lung cancer resulting from radiation exposure.

In addition to the deaths and health risks, the cost of the damages caused by Chernobyl is thought to exceed US\$200 billion, and the Japan Center for Economic Research estimates the costs of decontaminating the Fukushima site to be between \$470 billion and \$660 billion. In the wake of the disaster, 12 of Japan's reactors have been permanently shut; a further 24 remain closed pending ongoing safety reviews, which are adding to the costs.

What all of this means is that, on top of construction costs, any country investing in nuclear power must be prepared to set aside — or must have access to — vast sums that can be released in the event of disasters, whether they occur as a result of human error or natural phenomena.

Countries planning to embark on a nuclear-energy programme are also expected to work with the Nuclear Suppliers Group, which oversees nuclear trade for peaceful purposes, and the International Atomic Energy Agency (IAEA). The latter is essential, but the IAEA is not a conventional energy regulator. It monitors and inspects nuclear power plants, but also has the simultaneous job of trying to ensure that a country is not diverting fissile materials for weapons use. That is, in part, because some nations — India and Pakistan, and in all probability Israel — became nuclear powers after originally seeking nuclear technology for research or to develop nuclear power.

Billion-dollar bill

Considering the barriers to the adoption of nuclear energy, it is not surprising that much of the nuclear energy generated around the world is produced by nuclear-weapons states. Most countries will balk at the idea of setting up a nuclear power plant if the total bill could run to hundreds of billions of dollars.

By contrast, although renewable-energy technologies are still in their relative infancy, their costs are falling and their regulation is much more straightforward. This is important: the technology used to turn on lights or charge mobile phones shouldn't need to involve national or international defence apparatus.

Clearly, nuclear energy will be with us for some time. New plants are being built and older ones will take time to decommission. But it is not proving to be the solution it was once seen as for decarbonizing the world's energy market. Nuclear power has benefits, but its continued low take-up

Nature | Vol 591 | 11 March 2021 | 177

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Science



SHARE



This Week in Science

Science 05 Mar 2021:
Vol. 371, Issue 6533, pp. 1004

Article

Info & Metrics

eLetters

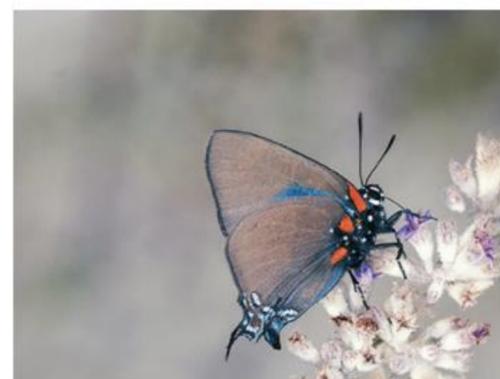
PDF

INSECT DECLINES

Warming autumns, fewer butterflies

Sacha Vignieri

Many recent studies have revealed sweeping declines in insects over the past few decades. Butterflies are no exception. Forister *et al.* used three different datasets, collected by both experts and community scientists, and found that the number of butterflies has declined over the past 40 years. Although the drivers of decline are complex, the authors found that climate change—in particular, warmer months in the autumn—explain a large portion, even as warming summers actually lead to increases. This work shows that climate change impacts may be insidious and unexpected in their effects.



Open in new tab

Butterflies such as the great purple hairstreak, *Atlides halesus*, are in decline in the warming American West according to community surveys.

PHOTO: JEFFREY GLASSBERG/NORTH AMERICAN BUTTERFLY ASSOCIATION

Science, this issue p. 1042

Science
Vol 371, Issue 6533
05 March 2021

- Table of Contents
- Print Table of Contents
- Advertising (PDF)
- Classified (PDF)
- Masthead (PDF)

RESEARCH

Edited by Michael Funk

IN SCIENCE JOURNALS

INSECT DECLINES
Warming autumns, fewer butterflies

Many recent studies have revealed sweeping declines in insects over the past few decades. Butterflies are no exception. Forister *et al.* used three different datasets, collected by both experts and community scientists, and found that the number of butterflies has declined over the past 40 years. Although the drivers of decline are complex, the authors found that climate change—in particular, warmer months in the autumn—explain a large portion, even as warming summers actually lead to increases. This work shows that climate change impacts may be insidious and unexpected in their effects. —SNV Science, this issue p. 1042

Butterflies such as the great purple hairstreak, *Atlides halesus*, are in decline in the warming American West according to community surveys.

METALLURGY
A two-stage lightweighting

Dealloying allows voids to be created in metals, decreasing the weight of the material. However, when the solid fraction is below about 30%, the mechanical properties rapidly degrade. Shi *et al.* discovered that two dealloying steps allow for the creation of a silver-gold alloy with a solid fraction as low as 12%. Unexpectedly, this process does not degrade the mechanical properties while allowing for large samples to be synthesized. The strategy should be applicable to other alloy systems, providing a pathway for creating strong and lightweight materials. —BG Science, this issue p. 1026

EXOPLANETS
A transiting rocky planet 8 parsecs away

Most exoplanets have been detected using either the radial velocity (RV) method or the transit method, which provide only limited information on the planet's physical properties. In the rare cases in which both methods detect the same planet, the combination determines the planet's mass, radius, and density. Trifonov *et al.* identified a planet, Gliese 486 b, using both RV and transit data. The host star is a red dwarf only 8 parsecs away, making this one of the closest exoplanet systems known. A rocky super-Earth, Gliese 486 b has an equilibrium surface temperature of 700 kelvin. The authors say that it is observationally favorable for searches for an atmosphere. —KTS Science, this issue p. 1038

SPECTROSCOPY
Electron dynamics in time and space

Following molecular excitation and electron transfer processes in time and space within a single experiment is a long-standing goal of spectroscopy in the field of chemistry. Wallauer *et al.* combined tomographic photoemission imaging with a femtosecond pump-probe scheme to trace the excited state molecular orbitals of surface-adsorbed molecules with both spatial and temporal resolution. The present demonstration opens a new window for investigating the ultrafast electron transfer dynamics in such processes as chemical reactions on surfaces and intermolecular charge transfers. —YS Science, this issue p. 1056

MICROBIOLOGY
Phenazines liberate phosphate

Bacteria secrete a wide range of small molecules with chemical reactivity that offers multiple functions in different contexts. Phenazines are commonly considered to be antibiotics, but they can also participate in environmental redox reactions, especially with iron. McRose and Newman found that phenazines,

1004 • MARCH 2021 • VOL. 371 ISSUE 6533
Published by AAAS
sciencemag.org SCIENCE

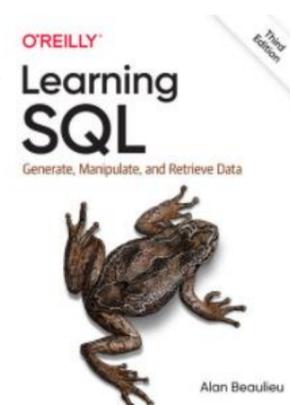
ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

O'Reilly. Книжные бестселлеры по направлению Data



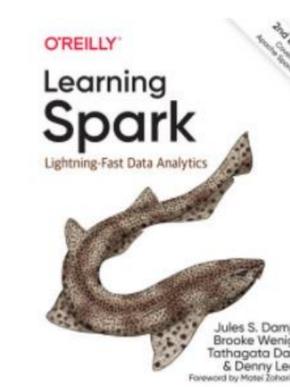
Designing Data-Intensive Applications
by Martin Kleppmann

Publisher: O'Reilly Media, Inc.
ISBN: 9781449373320
Topic: Data Engineering



Learning SQL, 3rd Edition
by Alan Beaulieu

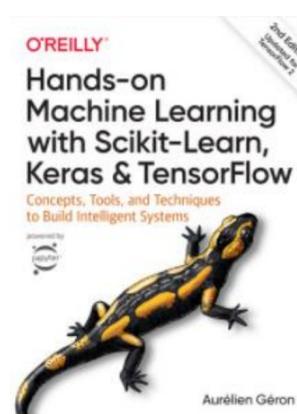
Publisher: O'Reilly Media, Inc.
ISBN: 9781492057611
Topic: SQL



Learning Spark, 2nd Edition

by Jules S. Damji, Brooke Wenig, Tathagata Das, Denny Lee

Publisher: O'Reilly Media, Inc.
ISBN: 9781492050049
Topic: Spark



Hands-On Machine Learning with Scikit-Learn

by Aurélien Géron

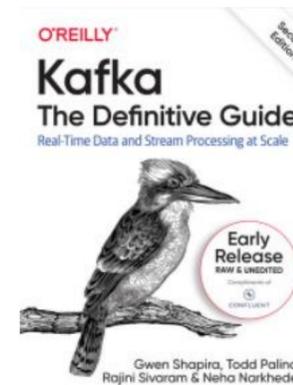
Publisher: O'Reilly Media, Inc.
ISBN: 9781492032649
Topic: Machine Learning



Interactive Data Visualization for the Web

by Scott Murray

Publisher: O'Reilly Media, Inc.
ISBN: 9781491921289
Topic: D3



Kafka: The Definitive Guide

by Gwen Shapira, Todd Palino, Rajini Sivaram, Neha Narkhede

Publisher: O'Reilly Media, Inc.
ISBN: 9781492043065
Topic: Kafka

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ O'Reilly.



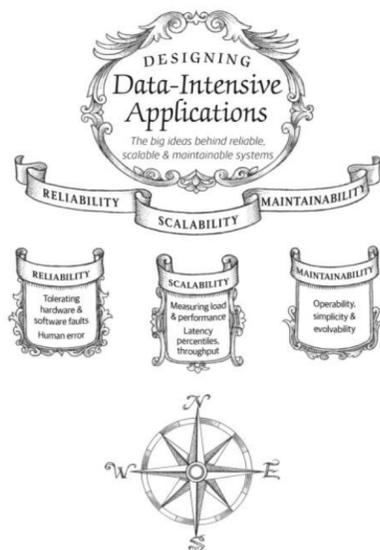
Designing Data-Intensive Applications

★★★★★ 218 REVIEWS

by Martin Kleppmann
 Publisher: O'Reilly Media, Inc.
 Release Date: March 2017
 ISBN: 9781449373320
 Topic: Data Engineering

Chapter 1. Reliable, Scalable, and Maintainable Applications

The Internet was done so well that most people think of it as a natural resource like the Pacific Ocean, rather than something that was man-made. When was the last time a technology with a scale like that was so error-free?
 —Alan Kay, in interview with Dr. Dobbs's Journal (2012)



Chapter 2. Data Models and Query Languages

The limits of my language mean the limits of my world.
 —Ludwig Wittgenstein, Tractatus Logico-Philosophicus (1922)



Data models are perhaps the most important part of developing software, because they have such a profound effect: not only on how the software is written, but also on how we think about the problem that we are solving.

Most applications are built by layering one data model on top of another. For each layer, the key question is: how is it represented in terms of the next-lower layer? For example:

- As an application developer, you look at the real world (in which there are people, organizations, goods, actions, money flows, sensors, etc.) and model it in terms of objects or data structures, and APIs that manipulate those data structures. Those structures are often specific to your application.
- When you want to store those data structures, you express them in terms of a general-purpose data model, such as JSON or XML documents, tables in a relational database, or a graph model.
- The engineers who built your database software decided on a way of representing that JSON/XML relational/graph data in terms of bytes in memory, on disk, or on a network. The representation may allow the data to be queried, searched, manipulated, and processed in various ways.

| | | | | | | | |
|--|--|--|---|---|---|--|---|
| <p>How Slack rearchitected its system t... By Bing Wei</p> | <p>Observability at Google By Jaana B. Dogan</p> | <p>How Spotify uses machine learning t... By Mounia Lalmas</p> | <p>How Microsoft does DevOps By Martin Woodward</p> | <p>Pinterest's journey to the cloud By Micheal Benedict</p> | <p>How Uber uses machine learning and... By Andrea Pasqua</p> | <p>How Fastly used Prometheus to im... By Marcus Barczak</p> | <p>How Instagram has evolved using Ope... By Hui Ding</p> |
|--|--|--|---|---|---|--|---|

ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Доступ к ведущим зарубежным агрегаторам



ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

JSTOR

Search JSTOR

Advanced Search Browse Tools

Acta Oeconomica / Vol. 65, No. 4... / THE CAUSES OF P... [Share](#) [Save](#) [Download PDF](#)

JOURNAL ARTICLE
THE CAUSES OF POST-2009 DIFFERENCES IN THE ECONOMIC PERFORMANCE OF EU COUNTRIES
Petr MALEČEK

Acta Oeconomica
Vol. 65, No. 4 (December 2015), pp. 525-545 (21 pages)
Published by: Akadémiai Kiadó

Stable URL <https://www.jstor.org/stable/24857533>
[Cite this item](#)

ABSTRACT
This study examines the causes of the rather dissimilar development of individual EU economies after the 2008/09 crisis. The initial elemental analysis of contributions to GDP growth is followed by a growth accounting exercise, with decomposition into the effects of movements in total factor productivity, capital stock, and several labour market indicators. The subsequent section then seeks

93 журнала в базе данных Journal STORage

97 журналов в базе данных Journal STORage

99 журналов в базе данных Journal STORage

118 журналов в базе данных Journal STORage

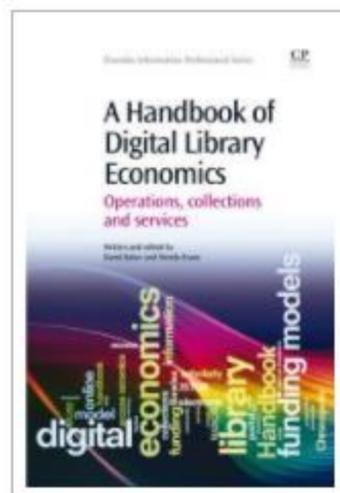
107 журналов в базе данных Journal STORage

125 журналов в базе данных Journal STORage

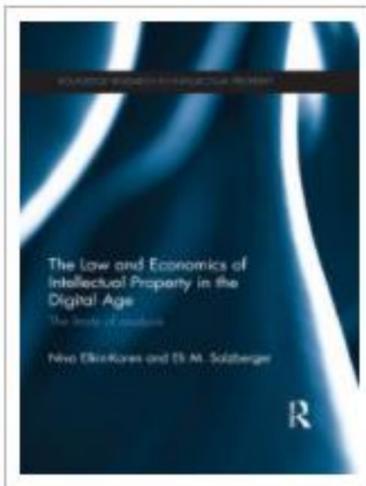
JSTOR предлагает более 12 миллионов статей в академических журналах, 85 000 книг и 2 миллиона документов из первоисточников по 75 дисциплинам.

ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

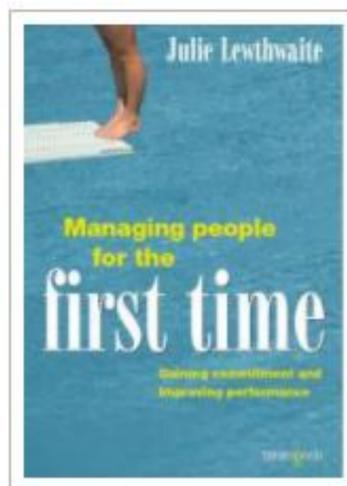
ProQuest



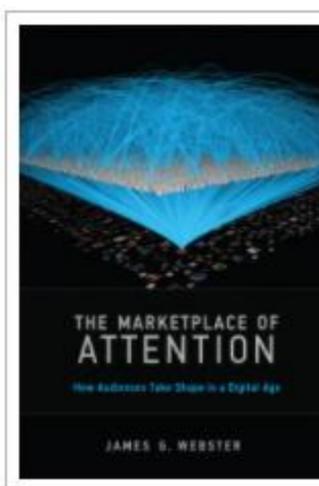
PUBLISHER
Elsevier Science &
Technology



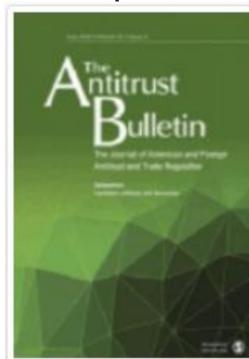
PUBLISHER
Taylor & Francis
Group



PUBLISHER
Thorogood
Publishing



PUBLISHER
MIT Press



▼ The Marketplace of Attention :
How Audiences Take Shape in a
Digital Age



by James G. Webster
PUBLISHER
MIT Press
DATE
2014-08-29
[More...](#)

Search within book

TABLE OF CONTENTS

- Intro
- Contents
- Preface
- 1 The Marketplace of Attention
- 2 Media Users
- 3 The Media
- 4 Media Measures
- 5 Audience Formations
- 6 Constructing the Marketplace of Attention
- 7 Public Attention in the Marketplace of Ideas

+

PREFACE

When I finished my bachelor's degree in psychology I needed to find work. Although I was interested in media, I wasn't really qualified to do anything. Nevertheless, I stumbled into a job in audience research at Children's Television Workshop. At the time, the Workshop produced *Sesame Street* and *The Electric Company* and was celebrated for blending information with entertainment. Flushed with their success in children's television, the Workshop decided to produce a health show for adults that would revolutionize the nation's health practices the way *Sesame Street* had revolutionized the way kids learned their ABCs. I was hired to study viewer reactions to the new program.

That show, called *Feeling Good*, premiered in prime time opposite a lineup of expensively produced network television programs. From day one, there were problems. Most notably, very few people watched *Feeling Good*, and those who did already knew what the show had to teach them. *Feeling Good* lasted for one tortuous season, but it left me with a question I've been thinking about ever since. How do audiences take shape?

That question seems more pressing today than at any time in the past. Digital media present people with many ways to spend their time. They can choose among an endless number of outlets, ranging from the broadcast networks that denied *Feeling Good* a prime-time audience to websites of every imaginable kind. They can create their own media. They can share anything that's digital with friends or strangers around the world. But how do people actually use all these newfound resources, and why do they coalesce around some things and not others?

There is a broad consensus that the way people allocate their attention will go a long way toward determining digital media's social impact. But there are wildly different expectations about how audiences will take

ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

ProQuest Ebook Central



Books

International Corporate Law - Volume 1

London: Bloomsbury Publishing Plc, Mar 27, 2000.

The International Corporate Law series is dedicated to the publication of scholarly writing on issues

[Table of Contents](#) [Relevant Chapters](#)



Books

Law, Corporate Governance and Accounting: European Perspectives

London: Taylor & Francis Group, Apr 6, 2011.

The growing internationalization of markets, the relaxation of constraints on capital flows be

[Table of Contents](#) [Relevant Chapters](#)



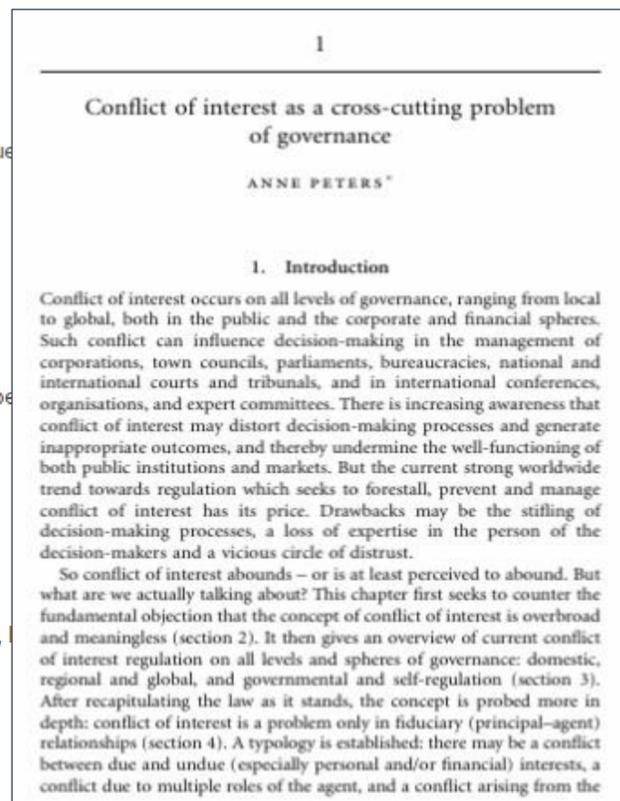
Books

Conflict of Interest in Global, Public and Corporate Governance

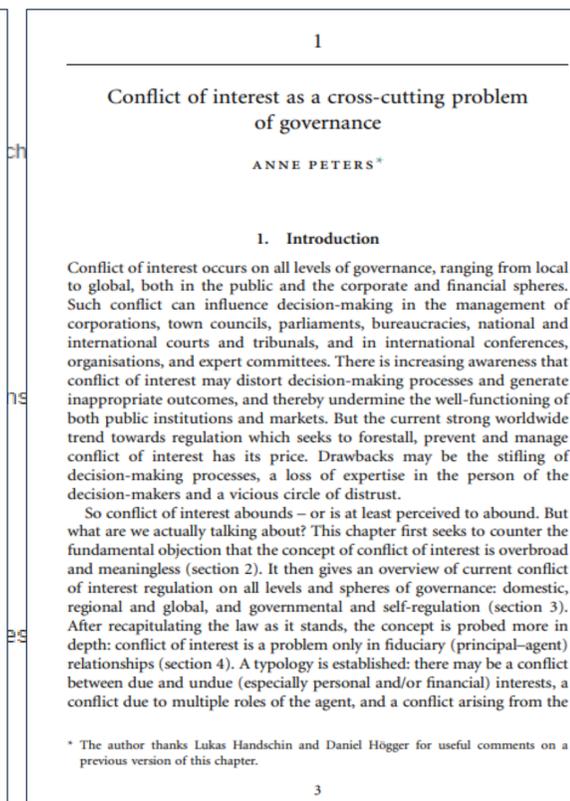
Cambridge: Cambridge University Press, Nov 29, 2012.

Conflict of interest occurs at all levels of governance, ranging from local to global, I

[Table of Contents](#) [Relevant Chapters](#) [Cited by \(1\)](#)



Читать онлайн



Скачать в PDF формате

ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

ProQuest Dissertations & These

ProQuest Dissertations & Theses Global

Basic Search Advanced Search Browse About | Change databases

noft(Economic Effects of the pandemic)

Doctoral dissertations only Searches from this page will not search a document's full text

8 results

Applied filters
covid-19

Sorted by
Relevance

Limit to
 Full text

Publication date
January 2020 - January 2021 (months)

Enter a date range **Update**

Select 1-8

- Exploring Opinions of Turkish Citizens Toward the Government's Communication Strategy: COVID-19 Amidst the Syrian Refugee Crisis**
Honeycutt, Angela. Colorado Technical University. ProQuest Dissertations Publishing, 2020. 28151791.

...pandemic amidst the Syrian refugee crisis. The main question asked, what were...
...the opinions of Turkish citizens toward the government's communication strategy...
...toward the government's communication strategy during the COVID-19 pandemic...

Abstract/Details Preview - PDF (2 MB) Full text - PDF (1 MB)
- The Economic Influence of COVID-2019 Pandemic in China: An Analytical Network**
Guo, Sixu. Cornell University. ProQuest Dissertations Publishing, 2020. 28261037.

...we quantified the impact of COVID-2019 pandemic on China's production...
... Over the decade from 2007 to 2017, the economic structure of China has...
...was developed to analyze the transmission mechanism of the COVID-2019 economic...

Abstract/Details
- The Current State of Financial Crime Awareness and Readiness During a Pandemic**
Mills, Robyn R. Utica College, ProQuest Dissertations Publishing, 2020. 28093378.

...Institutions are dealing with the ripple effects of...
...the COVID-19 pandemic outbreak. They are maintaining essential services,...
...and executing operational and compliance risk in the COVID-19 environment....

Abstract/Details Preview - PDF (233 KB) Full text - PDF (384 KB)

Exploring Opinions of Turkish Citizens Toward the Government's Communication Strategy: COVID-19 Amidst the Syrian Refugee Crisis
Honeycutt, Angela. Colorado Technical University. ProQuest Dissertations Publishing, 2020. 28151791.

Full text - PDF Preview - PDF **Abstract/Details**

Abstract
Translate

The purpose of this exploratory, qualitative study was to explore the opinion during the COVID-19 pandemic amidst the Syrian refugee crisis. The main government's communication strategy during the COVID-19 pandemic and citizens opinions toward the government's communication strategy during depended on the participants living in metropolitan areas in the Republic four thematic categories emerged to answer research question. The four categories were: (1) economic status, (2) health broadcasts (vital link, misinformation), (3) government communications but long-term government communications failed to effect exploratory research may help Turkey's internal communication policies and

Details

| | | |
|------------------------|--|-------|
| Business indexing term | Subject: | Manag |
| Subject | Political science; East European studies; Management; COVID-19 | |
| Classification | 0454: Management 0615: Political science 0437: East European Studies | |
| Identifier / keyword | COVID-19; Global Leadership; Govern Crisis | |
| Title | Exploring Opinions of Turkish Citizens Syrian Refugee Crisis | |

EXPLORING OPINIONS OF TURKISH CITIZENS TOWARD THE GOVERNMENT'S COMMUNICATION STRATEGY: COVID-19 AMIDST THE SYRIAN REFUGEE CRISIS

A Dissertation Presented in Partial Fulfillment of the Requirements for the Degree of Doctor of Management

by

Angela Honeycutt

Colorado Technical University

September 2020

Chapter 1

Countless voices expressing opinions on the 2020 coronavirus pandemic received significant attention as the flow of capital and goods decreased across the globe (World Health Organization, 2020b). The World Health Organization (2020a) broadcasted the unthinkable theme of 2020 with a new Public Health Emergency of International Concern announcement, released on January 30, 2020, called COVID-19 (also known as the coronavirus) which described an invisible enemy about to wreak havoc throughout the world. Khan and Karataş (2020) claimed that two months later, on March 19, 2020, more than 160 countries reported COVID-19 cases. As of July 2020, there were more than 10 million recorded cases worldwide, and more than 500,000 deaths confirmed spread across at least 216 countries, territories, and other areas (O'Connor & Evans, 2020; Zhou, Bao & Ning, 2020; World Health Organization, 2020b).

The COVID-19 pandemic has brought catastrophic uncertainty on a global scale. As consumers, investors, and international trading partners became more aware, the disease spread exponentially (Alyanak, 2020; Ozili & Arun, 2020). Kenyon (2020) claimed governments use pandemics to expand executive power and restrict individual rights, citizen mobilization, civilian control of militaries, and gain control in the electoral process. As an example, the coronavirus forced governments to quickly change management processes to proactively combat a potential

ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

Gale OneFile

GALE GENERAL ONEFILE

Search... Advanced Search

SHOWING RESULTS FOR

Magazines (16,347) Academic Journals (906) Books (366) News (28,222) Images (1)

906 ACADEMIC JOURNALS Sort by: Relevance

Search Terms: ACID: 185200 [Revise Search](#)

Applied Filters: [Full Text](#)

[How 2020 accelerated government reliance on new sources of economic data analytics.](#) →

From: American City & County

Dec. 16, 2020 889 words Article

Byline: Jason Axelrod The COVID-19 pandemic has caused many governments to struggle as they seek to balance small businesses and the broader economy. At least...

[Reports Outline Life Science Research Findings from Amsterdam University of Applied Sciences economic inequalities in children's diet in the ABCD cohort\).](#)

From: Obesity, Fitness & Wellness Week

Oct. 31, 2020 516 words Report

2020 OCT 31 (NewsRx) -- By a News Reporter-Staff News Editor at Obesity, Fitness & Wellness Week -- Investigat According to news reporting originating in Amsterdam,...

How 2020 accelerated government reliance on new sources of economic data analytics.

Date: Dec. 16, 2020

From: American City & County
Publisher: Penton Media, Inc., Penton Business Media, Inc. and their subsidiaries

Document Type: Article
Length: 889 words

Byline: Jason Axelrod

The COVID-19 pandemic has caused many governments to struggle as they seek to balance critical public health concerns along with the needs of small businesses and the broader economy. At least part of that challenge can be traced back to governments' historical reliance on traditional economic data, which has not provided enough information at the necessary speed for policymakers to respond nimbly to economic shocks. It's been a wakeup call but also an opportunity for improvement.

For public officials, the last several months have underscored the significant benefits of implementing sources of spending trends, broad consumer behavior and more delivered more rapidly than traditional economic indicators/data. David Wilcox, who led the Federal Reserve's research and statistics division from 2011 to 2018 and is now a senior fellow at the Peterson Institute for International Economics, told Bloomberg in September that new sources of data are proving to be "extremely valuable for a whole range of decision makers including monetary policy makers at the Federal Reserve," and it's "clearly the wave of the future." Jerome Powell, Chairman of the Federal Open Market Committee, said in a July press conference, "What we think of as non-standard, high-frequency data has become a very important thing."

Understanding different types of economic trends data

Traditional data: A type of structured data that is stored in a fixed format and gathered and released annually, quarterly, monthly, etc. Examples include publicly filed corporate documents and government collected statistics. New data sources: A type of data that comes in large, aggregated, user-permissioned and de-identified sets. It is often updated frequently, or in real-time, and therefore also known as high-frequency data. Examples include real-time measurements of traffic congestion, restaurant reservations, and credit card spending.

How 2020 accelerated government reliance on new sources of economic data analytics.

Date: Dec. 16, 2020
From: American City & County
Publisher: Penton Media, Inc., Penton Business Media, Inc. and their subsidiaries
Document Type: Article
Length: 889 words

Full Text:
Byline: Jason Axelrod

The COVID-19 pandemic has caused many governments to struggle as they seek to balance critical public health concerns along with the needs of small businesses and the broader economy. At least part of that challenge can be traced back to governments' historical reliance on traditional economic data, which has not provided enough information at the necessary speed for policymakers to respond nimbly to economic shocks. It's been a wakeup call but also an opportunity for improvement.

For public officials, the last several months have underscored the significant benefits of implementing sources of spending trends, broad consumer behavior and more delivered more rapidly than traditional economic indicators/data. David Wilcox, who led the Federal Reserve's research and statistics division from 2011 to 2018 and is now a senior fellow at the Peterson Institute for International Economics, told Bloomberg in September that new sources of data are proving to be "extremely valuable for a whole range of decision makers including monetary policy makers at the Federal Reserve," and it's "clearly the wave of the future." Jerome Powell, Chairman of the Federal Open Market Committee, said in a July press conference, "What we think of as non-standard, high-frequency data has become a very important thing."

Understanding different types of economic trends data

Traditional data: A type of structured data that is stored in a fixed format and gathered and released annually, quarterly, monthly, etc. Examples include publicly filed corporate documents and government collected statistics. New data sources: A type of data that comes in large, aggregated, user-permissioned and de-identified sets. It is often updated frequently, or in real-time, and therefore also known as high-frequency data. Examples include real-time measurements of traffic congestion, restaurant reservations, and credit card spending.

The value of providing a real-time assessment

The COVID-19 pandemic has exposed the need for policymakers to embrace new data analytics sources that help quickly assess and analyze areas critical to their constituents such as healthcare, public safety, education, jobs and the economy. Understandably, some governments may be hesitant to utilize new sources of user-permissioned data due to a lack of historical data for comparison, the reliability of readings or the potential for unauthorized access. But traditional data simply doesn't provide sufficient timeliness, breadth or diversity of coverage or economic insight in the face of such unprecedented volatility and uncertainty.

The Federal Reserve's Senior Associate Director John Stevens believes that new sources of data should be used to:

- Create timely alternative estimates that complement official estimates
- Verify changes in official statistics
- Answer questions that require more granular data analytics
- Fill knowledge gaps

How is government using new sources of consumer-permissioned data?

It's nearly impossible to avoid leaving a digital trace these days. With their consent, consumers are allowing the collection of new sources of de-identified data, for everything from internet searches to grocery purchases with a credit card is now analyzed for insight. With these rich, de-identified datasets, consumers are contributing to a wealth of aggregated data. The financial services industry has processed and used this kind of de-identified data to make decisions for years and governments are finally following in their footsteps.

ДОСТУП К ЗАРУБЕЖНЫМ ИЗДАТЕЛЬСКИМ ПЛАТФОРМАМ

Digi Zeitschriften

deutsch
DigiZeitschriften
DAS DEUTSCHE DIGITALE ZEITSCHRIFTENARCHIV

[START](#) | [JOURNALS](#) | [OPEN ACCESS](#) | [INFORMATION](#) | [FAQ](#) | [CONTACT](#)

You are here: Journals

Subscription | **Open Access**

Entitled users have full access to all the journals listed below.

Please note: The archive content is edited on an ongoing basis. Any existing gaps will be filled and missing data steadily added.

Complete or partial journals available online

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

1.085

1 | 2 | 3 | 4 | 5 | 6 | >> | >>>

1 Das ... Jahr im Deutschen Landerziehungsheim bei Ilsenburg im Harz [Elektronische Ressource]
 Title: ... Jahr im Deutschen Landerziehungsheim bei Ilsenburg im Harz [Elektronische Ressource]

2 1000 - Zeitschrift für Sozialgeschichte des 20. und 21. Jahrhunderts

Browse by Collection

- > **Archaeology**
(19 Journals / 103 Volumes)
- > **Arts**
(80 Journals / 2080 Volumes)
- > **Economics** →
(15 Journals / 940 Volumes)
- > **Education**
(214 Journals / 2516 Volumes)
- > **Egyptology and coptology**
(4 Journals / 290 Volumes)
- > **English language and literature**
(4 Journals / 288 Volumes)
- > **Geology**
(9 Journals / 388 Volumes)
- > **Germanic language and literature**
(8 Journals / 565 Volumes)
- > **History**
(351 Journals / 3882 Volumes)
- > **History of Technology**
(2 Journals / 91 Volumes)
- > **Law**
(368 Journals / 3570 Volumes)

Collections

COLLECTION: ECONOMICS

1 | 2 | >> | >>>

1 **Finanzarchiv : a leading journal in Public Finance since 1884**
 Title: Finanzarchiv

2 **Hoppenstedt-Aktienführer (Archiv)**
 Title: Hoppenstedt-Aktienführer (Archiv)

3 **Jahrbücher für Nationalökonomie und Statistik**
 Title: Jahrbücher für Nationalökonomie und Statistik

4 **Journal of institutional and theoretical economics : JITE**
 Title: Journal of institutional and theoretical economics : JITE

5 **Review of world economics** →
 Title: Review of world economics

6 **Statistisches Jahrbuch ... für das Ausland**
 Title: Statistisches Jahrbuch ... für das Ausland

Review of World Economics

Weltwirtschaftliches Archiv

Aims and Scope

Review of World Economics is a quarterly journal. Under the name Weltwirtschaftliches Archiv, it was founded in 1913 as the world's first journal with a focus on international economics. The Review has retained this focus, with particular emphasis on research in trade and trade policies, foreign direct investment, global supply chains, migration, international finance, currency systems and exchange rates, monetary and fiscal policies in open economies. The objective of the Review is to publish contributions of the highest quality and retain its status as one of the leading journals in international economics.

Abstracted/Indexed

Social Science Citation Index, SCOPUS, EconLit, Google Scholar, EBSCO, CSA, ProQuest, ABS Academic Journal Quality Guide, Academic OneFile, Business Source, Cabell's, Current Abstracts, Current Contents/Social & Behavioral Sciences, ECONIS, International Bibliography of Book Reviews (IBR), International Bibliography of Periodical Literature (IBZ), International Bibliography of the Social Sciences (IBSS), Journal Citation Reports/Social Sciences Edition, JSTOR, OCLC, Research Papers in Economics (RePEc), SCImago, Social SciSearch, Summon by Serial Solutions

Officially Cited as: Rev World Econ

Copyright Information

For Authors
 As soon as an article is accepted for publication, authors will be requested to assign copyright of the article (or to grant exclusive publication and dissemination rights) to the publisher (respectively the owner if other than Springer). This will ensure the widest possible protection and dissemination of information under copyright laws.
 More information about copyright regulations for this journal is available at www.springer.com/10290

For Readers
 While the advice and information in this journal is believed to be true and accurate at the date of its publication, neither the authors, the editors, nor the publisher can accept any legal responsibility for any errors or omissions that may have been made. The publisher makes no warranty, express or implied, with respect to the material contained herein.
 All articles published in this journal are protected by copyright, which covers the exclusive rights to reproduce and distribute the article (e.g., as offprints), as well as all translation rights. No material published in this journal may be reproduced photographically or stored on microfilm, in electronic data bases, on video disks, etc., without first obtaining written permission

from the publisher (respectively the copyright owner if other than Springer). The use of general descriptive names, trade names, trademarks, etc., in this publication, even if not specifically identified, does not imply that these names are protected by the relevant laws and regulations.
 Springer has partnered with Copyright Clearance Center's RightsLink service to offer a variety of options for reusing Springer content. For permission to reuse our content please locate the material that you wish to use on link.springer.com or on springerimages.com and click on the permissions link or go to copyright.com and enter the title of the publication that you wish to use. For assistance in placing a permission request, Copyright Clearance Center can be contacted directly via phone: +1-855-239-3415, fax: +1-978-646-8600 or e-mail: info@copyright.com

© Kiel Institute 2017

Vi.S.d.P. Editors in Chief
 Paul Bergin, Holger Görg, Cédric Tille, and Gerald Willmann

Journal Website
www.springer.com/10290
 Electronic edition: link.springer.com/journal/10290

ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

DBpia

Subjects **DBpia**

| | | | | | | | |
|--------------------|--------------------|---------------------|----------------------------|-------------------|-------------------------|---------------------|---------------------------|
| Humanities | Social science | Natural science | Engineering | Medical science | Agriculture and Fishery | Art and Kinesiology | Interdisciplinary studies |
| General Humanities | History | Philosophy | Religious Studies/Theology | Linguistics | Literature | | |
| Korean Literature | Chinese Literature | Japanese Literature | English Literature | French Literature | German Literature | | |
| Russian Literature | | | | | | | |

Journal of the Korea Institute of Information Security & Cryptology



| | |
|-----------|--|
| Type | Academic journal |
| Institute | Korea Institute Of Information Security And Cryptology |
| ISSN | 1598-3986(Print), 2288-2715(Electronic) |
| Subject | Engineering > Computer Science |
| Frequency | bimonthly |
| Listed on | KCI Accredited Journal |

| | | | |
|--------------------|-------------|----------|-------|
| Publication period | 1991 ~ 2021 | | |
| Volumes/Issues | 151 | Articles | 2,415 |

| | |
|-----------|--------|
| Usage | 71,023 |
| Citations | 747 |

Journal Citation Information

Academic journal

Simple Power Analysis against RSA Based on Frequency Components

주파수 분석 기반 RSA 단순 전력 분석

Ji-hyuk Jung(고려대학교), Ji-Won Yoon(고려대학교)
 Korea Institute Of Information Security And Cryptology |
 Journal of the Korea Institute of Information Security & Cryptology | Vol.31 No.1 | 2021.02 |
 1 - 9 (9 pages) | KCI Accredited Journal

Bookmark Download View PDF

Abstract

본 논문은 RSA 복호화 과정에서 발생한 전력 신호로부터 암호연산을 예측하는 과정을 주파수 분석과 K-means 알고리즘을 이용하여 자동화하는 것을 제안한다. RSA 복호화 과정은 제곱 연산과 곱셈 연산으로 나뉘며, 시간에 따른 연산의 종류를 예측하게 되면, RSA 암호의 키(key)값을 알 수 있게 된다. 본 논문은 복호화 과정에서 발생한 전력 파형을 2차원 주파수 신호로 변환한 후, K-means algorithm을 이용하여 연산의 종류에 따라 주파수 벡터를 분류하였다. 이후, 이러한 분류된 주파수 벡터를 이용하여 연산의 종류를 예측한다.

This paper proposes to automate the process of predicting crypto-operations from the power signal generated in RSA decoding process by frequency analysis and K-means algorithm. RSA decoding process is divided into square and multiply operation, and we can predict the type of operations over time, we will know the RSA key value. After converting the power signal generated in the process of decoding into two-dimensional frequency signal, this paper used K-means algorithm to classify the frequency vector according to the type of operation. these classified frequency vector were used to predict the types of operations.

Contents

Journal of The Korea Institute of Information Security & Cryptology
 VOL.31, NO.1, Feb. 2021
 ISSN 1598-3986(Print)
 ISSN 2288-2715(Online)
 https://doi.org/10.13089/JKIIISC.2021.31.1.1

주파수 분석 기반 RSA 단순 전력 분석*

정지혁,^{1*} 윤지원^{2*}
^{1,2}고려대학교 정보보호대학원 (대학원생, 교수)

Simple Power Analysis against RSA Based on Frequency Components*

Ji-hyuk Jung,^{1*} Ji-Won Yoon^{2*}
^{1,2}Korea University, School of Cyber Security(Graduate student, Professor)

요약

본 논문은 RSA 복호화 과정에서 발생한 전력 신호로부터 암호연산을 예측하는 과정을 주파수 분석과 K-means 알고리즘을 이용하여 자동화하는 것을 제안한다. RSA 복호화 과정은 제곱 연산과 곱셈 연산으로 나뉘며, 시간에 따른 연산의 종류를 예측하게 되면, RSA 암호의 키(key)값을 알 수 있게 된다. 본 논문은 복호화 과정에서 발생한 전력 파형을 2차원 주파수 신호로 변환한 후, K-means algorithm을 이용하여 연산의 종류에 따라 주파수 벡터를 분류하였다. 이후, 이러한 분류된 주파수 벡터를 이용하여 연산의 종류를 예측한다.

ABSTRACT

This paper proposes to automate the process of predicting crypto-operations from the power signal generated in RSA decoding process by frequency analysis and K-means algorithm. RSA decoding process is divided into square and multiply operation, and if we can predict the type of operations over time, we will know the RSA key value. After converting the power signal generated in the process of decoding into two-dimensional frequency signal, this paper used K-means algorithm to classify the frequency vector according to the type of operation. these classified frequency vector were used to predict the types of operations.

Keywords: RSA, Side Channel Analysis, Automate, K-means

1. 서론

부채널 분석은 암호 장치 내부에서 연산하는 과정 동안 나오는 전력이나 전자기파와 같은 물리적인 신호를 수집하여 암호의 연산 종류나 비밀키 등을 예측하는 기법이다. 암호 알고리즘에 따라 다양한 부채널 분석 기법들이 잘 알려져 있는 반면에, SPA는 연산의 시계열 패턴을 보고 그 시간에 어떠한 연산이 일어났는지를 구분하여야 하기 때문에 더 복잡하고 정교한 추론 기법이 필요하다. 일례로 가장 보편적으로 이용되는 공개키 암호 알고리즘인 RSA 암호에서 제곱(Square) 연산과 곱셈(Multiply) 연산에서 유출되는 전력 신호 패턴이 다르다는 것을 이용하여(SPA) 제곱 연산과 곱셈 연산을 유추한 후, 해당하는 이진수로 변환하여 복호화 키를 추측하였다

ДОСТУП К ВЕДУЩИМ ЗАРУБЕЖНЫМ АГРЕГАТОРАМ

Books24x7

The screenshot displays the Books24x7 website interface. At the top, there is a search bar with the query 'econometrics' and navigation options like 'LOG OUT', 'SUPPORT', and 'GO'. Below the search bar, there are navigation tabs for 'Browse', 'Table of Contents', 'Back Cover', and 'Related Titles'. The main content area shows the details for the book 'Market Risk Analysis: Practical Financial Econometrics, Volume II' by Carol Alexander, published by John Wiley & Sons in 2008. The book is part of a collection called 'FinancePro'. The 'Table of Contents' is expanded to show 'Chapter II.2 - Principal Component Analysis'. The right sidebar features a 'Finance Topics: Economic Influences' section with a list of related titles, including 'Big Tech and the Digital Economy: The Moligopoly Scenario', 'Complex Decision-Making in Economy and Finance', 'Game-Theoretic Foundations for Probability and Finance', and 'The Next Factory of the World: How Chinese Investment Is Reshaping Africa'.

ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Доступ к ведущим отечественным ресурсам



ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

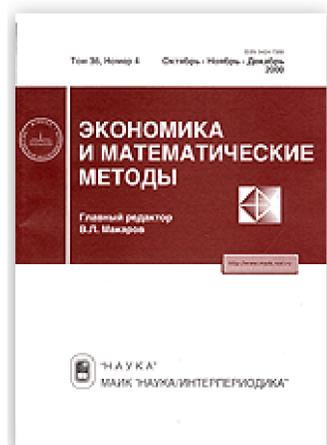
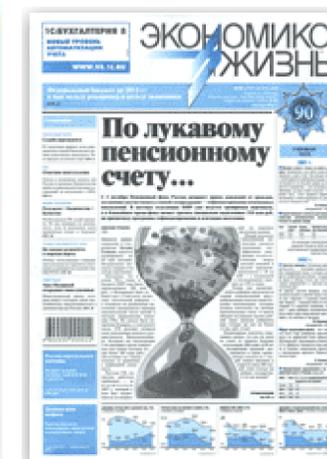
EastView



Один из наиболее авторитетных экономических журналов, посвященных анализу реформ, проблемам кредитно-денежной, инвестиционной и социальной политики.



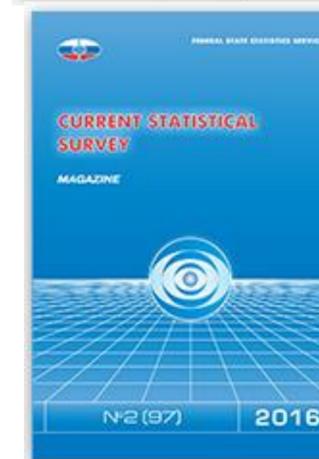
Журнал является ведущим мультидисциплинарным изданием в России и СНГ по актуальным теоретическим и научно-практическим проблемам международной политики, мирохозяйственных связей, развития отдельных стран и регионов.



Журнал по проблемам теории и методологии российской и мировой экономики, рассматривает современные аспекты теории экономического равновесия и оптимизации.

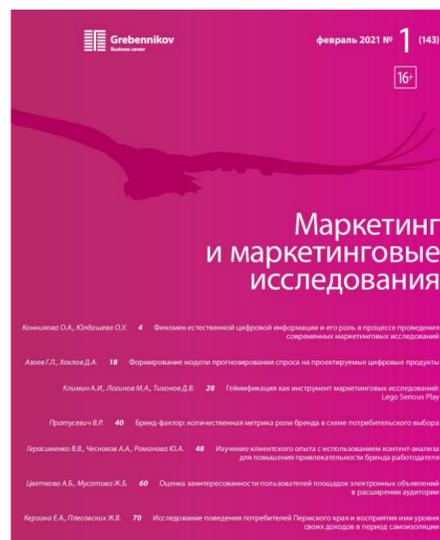


На страницах журнала освещаются актуальные вопросы методологии и организации отечественной и зарубежной статистики, развития международных статистических стандартов и их адаптации к российским условиям.

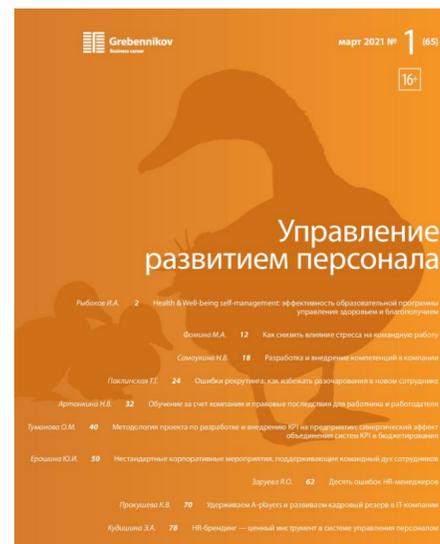


ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

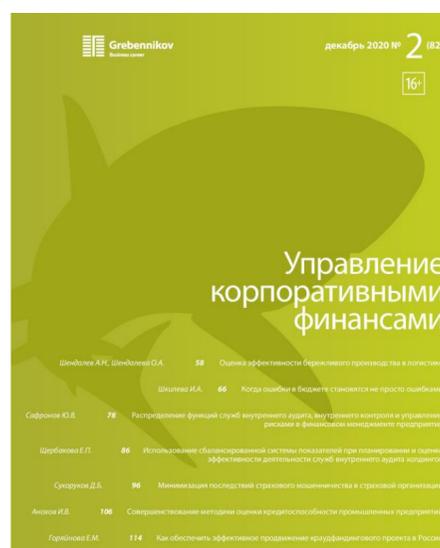
Гребенников



Журнал посвящен практическим аспектам современного маркетинга.



Журнал о новых технологиях, формах и методах управления профессиональным развитием, теории и практики обучения, планировании карьеры и управлении знаниями.



Журнал, посвящённый представлению результатов исследований в области корпоративных финансов, раскрытию практики управления финансовыми ресурсами компаний.



Журнал о приемах использования Интернета как рекламной среды и среды для проведения различных маркетинговых мероприятий.



ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

Public.Ru

The screenshot shows the Public.Ru search results page for the query "Экономические последствия Covid-19". The page displays a list of search results, with the first result selected. An "ЭКСПОРТ" (EXPORT) dialog box is open, showing options for the export format (RTF, MS Word, PDF, XML, MS Excel) and various parameters. A sidebar on the right shows the selected sources for the export, including "Библиотеки Public.ru" and "Мои наборы источников".

Запрос: Экономические последствия Covid-19

ЭКСПОРТ

Формат экспорта
 RTF MS Word PDF XML MS Excel

Включать полные тексты документов
При экспорте будет списана стоимость всех отмеченных документов, за исключением уже просмотренных в рамках текущей сессии.

Параметры экспорта

- Вставить «Портрет выборки»
- Вставить оглавление
- Вставить графические изображения
- Вставить информацию о тональности и рейтинге
- Выделить цветом хиты в документах
- Пронумеровать статьи

Библиотеки Библиотеки Public.ru

- Центральные печатные СМИ
- Центральные информагентства
- Региональные печатные СМИ
- Региональные информагентства
- Пресса ONLINE
- Интернет-ресурсы
- Интернет СМИ
- Интернет Government
- Зарубежные СМИ

Мои наборы источников

- m
- Migr
- News CMTA
- perm
- V MOE
- Дагестан СМИ
- ДАГЕСТАН_СИРИЯ
- Для пр
- Столица Казахстан (РК СМИ)
- Столица Казахстана (РФ СМИ)
- татарстан
- ТАТАРСТАН_СИРИЯ
- Телеканалы 101
- Центр
- Центральные каналы
- Центральные СМИ
- ЧЕЧНЯ_СИРИЯ

Каталог источников

ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Factiva (Dow Jones)

The screenshot displays the Factiva search interface. At the top, a search bar contains the query "Economic impact of Covid-19" with filters for "DATE: In the last week" and "SOURCE: All Publications Or All Web N...". Below the search bar, there are tabs for "Dow Jones (7)", "All (223)", "Publications", "Web News (79)", "Blogs (0)", and "Pictures (0)". A sidebar on the left shows "Subjects" and "Industries" with various categories and counts. The main content area shows a list of search results, with the fourth result, "Pandemic: One year later" by Alex Ballingall from The Toronto Star, highlighted. A red arrow points from this result to a detailed view window. This window shows the article's title, author, publication details, and the beginning of the text. A "Related Dow Jones Intelligent Identifiers" section is also visible at the top of the detailed view. On the right side of the interface, there is a "Subject" filter section with a dropdown menu set to "All Subjects" and a list of subject categories.

Search TEXT: Economic impact of Covid-19 DATE: In the last week SOURCE: All Publications Or All Web N... MORE ▼

Subject All Subjects

Dow Jones (7) All (223) Publications Web News (79) Blogs (0) Pictures (0)

Sort by: Most recent first Duplicates: Off

Subjects

- Novel Coronaviruses 73
- Outbreaks/Epidemics 65
- Earnings 23
- Political/General News 22
- Press Releases 22
- International Relations 20
- Domestic Politics 16
- Famine 15
- Human Migration 11
- Corporate/Industrial News 10

Industries

- Insurance 3
- Banking/Credit 3
- Mining/Quarrying 3

Headlines 1 - 100 of 144 Next 44 ▶

- Justin Trudeau's government mounted a massive response to the COVID-19 crisis
The Toronto Star, 17 March 2021, 3610 words, (English)
- BRIEF-Power Assets Holdings Posts FY Profit Attributable Of HK\$6,132 M
Reuters News, 11:36, 17 March 2021, 94 words, (English)
- Capita plc - Full Year Results 2020
PR Newswire UK Disclose, 10:00, 17 March 2021, 34137 words, (English)
- Pandemic: One year later**
The Toronto Star, 17 March 2021, 3606 words, (English)
- Alpha FX Group PLC Full Year Results
Regulatory News Service, 10:00, 17 March 2021, 9955 words, (English)
- JPMorgan Claverhouse IT PLC Annual Financial Report
Regulatory News Service, 10:00, 17 March 2021, 10675 words, (English)
- South Sudanese 'one step away from famine', as UN launches humanitarian appeal
Soualiga Newsday, 17 March 2021, 813 words, (English)
- NATO plans will be expensive for Germany
Die Welt translated into English, 17 March 2021, 820 words, (English)
- NATO chief says defense spending up despite pandemic
Latvian News Agency, 9:52, 17 March 2021, 341 words, (English)

Related Dow Jones Intelligent Identifiers

Download | Text to speech powered by AWS Polly | Share | EVERNOTE

TORONTO STAR

News
Pandemic: One year later
Alex Ballingall
Alex Ballingall Toronto Star With files from Tonda MacCharles
3606 words
17 March 2021
The Toronto Star
TOR
ONT
A1,A6
English
Copyright (c) 2021 The Toronto Star

Ottawa mounted a massive response to the COVID-19 crisis and the economic damage it has caused. Was it good enough?

It was Easter Sunday morning and Anita Anand was in her office, talking about nasal swabs.

The World Health Organization (WHO) had declared COVID-19 a pandemic one month earlier. Thousands of people were already dead. Millions of Canadians were out of work from lockdowns that shook the global economy. And Ottawa, which was blitzing to create major new support programs, saw the country running out of swabs needed to test and contain the deadly coronavirus.

For Anand, it was an early crisis within an ongoing national emergency that was - and remains - all-consuming.

Select Subject Category All Subjects

Or And

- Content Types
- Corporate/Industrial News
- Economic News
 - Economic Performance/Indicators
 - Economic Zones
 - Euro Zone/Currency
 - Government Finance
 - Monetary Policy
 - Trade/External Payments
- Political/General News

Запрос: Economic impact of Covid-19

ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

Лань



Информационные системы в экономике: учебное пособие



Горбенко А. О.

Издательство

Издательство "Лаборатория знаний" (ранее "БИНОМ. Лаборатория знаний")

ISBN

978-5-00-101-600-0

Год

2020

Издание

4-е изд.

Страниц

295

Уровень образования

Бакалавр

[Читать](#)

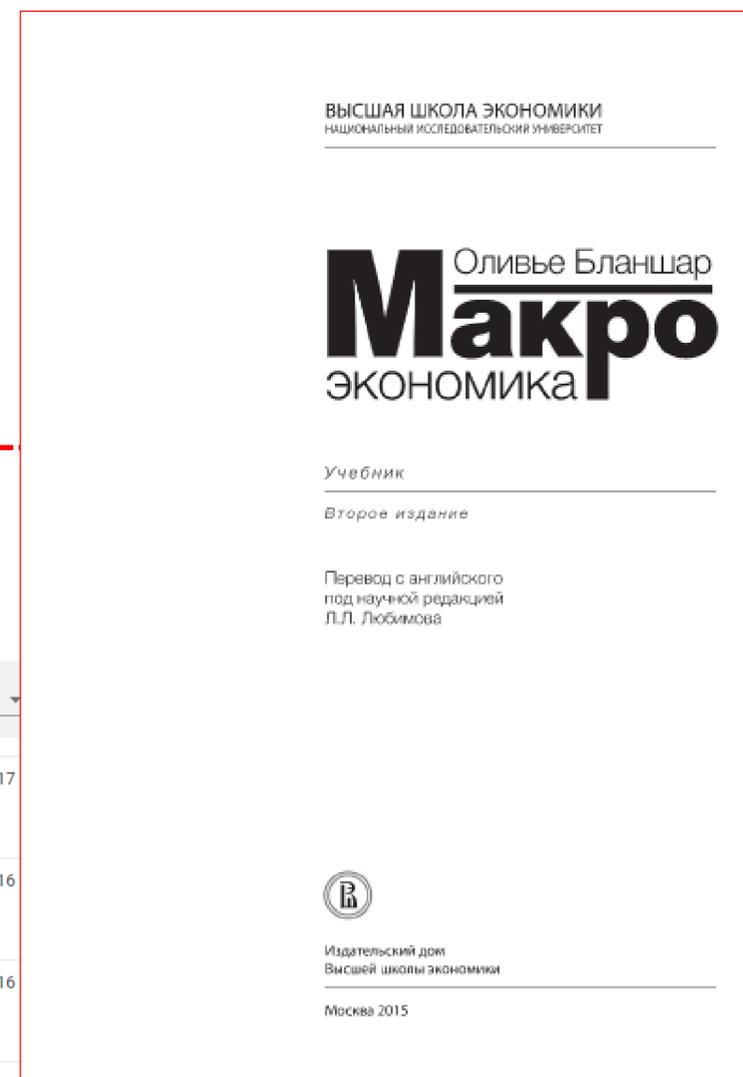
Издательский дом Высшей школы экономики

Автор:

Все А Б В Г Д Е Ж З И К Л М Н О П Р С Т У Ф Х Ц Ч Ш Щ Э Ю Я
0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Сортировать: по новизне Фильтр: по уровню образования

- [Мобильность и стабильность на российском рынке труда](#) монография 2017
Издательский дом Высшей школы экономики 529 стр.
- [Бизнес и власть в России: взаимодействие в условиях кризиса](#) коллективная монография 2016
Издательский дом Высшей школы экономики 279 стр.
- [Регулирование международной торговли услугами](#) учебное пособие 2016
Издательский дом Высшей школы экономики 205 стр.
- [Газман В.Д. Лизинг недвижимости](#) учебное пособие 2016
Издательский дом Высшей школы экономики 439 стр.



ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

Проспект

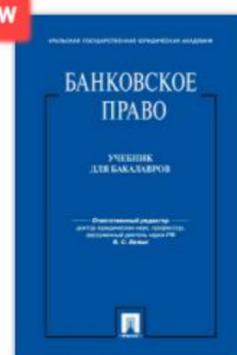
NEW



Механизмы амнистирования в сфере экономики и налогообложения.

Соловьев И.Н.
Данная книга посвящена различным вопросам проведения налоговой амнистии в нашей стране. Термин «налоговая амнистия» принят нами как условный, так как под ним нередко понимают и

NEW



Банковское право. Учебник для бакалавров

Отв. ред. Белых В.С.
Учебник подготовлен коллективом кафедры предпринимательского права Уральской Государственной Юридической Академии и адресован, прежде всего, студентам юридических ВУЗов. Структурно он состоит



Правовое регулирование бюджетного финансирования охраны окружающей среды и

Колесникова К.В.
Механизм финансирования экологически значимых мероприятий, сложившийся в 90-х гг. XX в., упразднен. С 2000 г. ведутся непрерывные попытки выработки алгоритма бюджетного финансирования в



Государственный долг России в системе финансового права: особенности правового

Цареградская Ю.К.; под ред. Болтиновой О.В.
В монографии рассматривается финансово-правовое регулирование государственного долга как правового института в системе финансового права. Раскрывается правовая природа внутреннего и внешнего



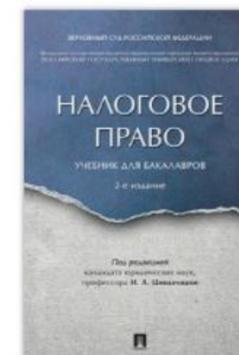
Налоговая амнистия. Учебное пособие

Соловьев И.Н.
Книга посвящена вопросам проведения налоговой амнистии в России. С понятием «налоговая амнистия» нередко связывают и легализацию капиталов, и экономическую амнистию, и реструктуризацию налоговой



Амнистия капиталов

Соловьев И.Н.
Вниманию читателя представлена книга, в которой автор с теоретических и практических позиций рассматривает такое явление, как амнистия капиталов. Актуальность создания данного труда



Налоговое право. 2-е издание. Учебник для бакалавров

Под ред. Цинделиани И.А.
В учебнике широко освещены теоретические основы налогового права России в условиях рыночной экономики, сформулированы определения важнейших понятий и категорий налогового права, дана



Бюджетный контроль в субъектах Российской Федерации: финансово-правовое регулирование.

Пронин А.Б.
Монография посвящена изучению системы организации и осуществления бюджетного контроля в субъектах Российской Федерации. В работе затрагиваются вопросы совершенствования правовых

ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

znanium.com



Методология геостатистического направления в современной экономике

Автореферат диссертации на соискание ученой степени доктора экономических наук

В подписке Основная коллекция

Издательство:

Вид издания: Диссертации и авторефераты

Уровень образования: ВО - Магистратура

Авторы: Бурцева Светлана Александровна



О методологии планирования межотраслевых пропорций

В подписке Основная коллекция

Издательство: Некоммерческое Партнерство "Редакция журнала "Вопросы экономики"

Год издания: 1971

Кол-во страниц: 11

Вид издания: Статья

Уровень образования: Аспирантура

Авторы: Маевский Владимир Иванович



Экономическая безопасность моногорода

В подписке Новинка

Издательство: ЮНИТИ-ДАНА

Год издания: 2020

Кол-во страниц: 135

Вид издания: Монография

Уровень образования: ВО - Магистратура

Авторы: Соколинская Юлия Михайловна



Экономическая безопасность инновационного развития регионов и отраслей промышленного производства

В подписке Новинка Основная коллекция

Издательство: Академия ФСИН России

Год издания: 2019

Кол-во страниц: 162

Вид издания: Монография

Уровень образования: ВО - Специалитет

Авторы: Родионов Алексей Владимирович, Круть Анатолий Александрович



ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

Юрайт

Легендарные книги / Бизнес. Экономика.

Бизнес. Экономика. · 20

Фильтры

Содержат экзамены

Медиа материалы

Авторы

Адресация

Тип пособия

Бесплатная доставка

РПД

Комплект

по дате выхода ↑ по названию по автору скачать список

Общедоступный курс истории народного хозяйства. От первобытных времен до XX столетия

Маслов П. П. · 2021

Книга отечественного ученого, академика АН СССР Петра Павловича Маслова раскрывает историю развития народного хозяйства от первобытных времен до начала XX века. Автором на основе исторических источников и статистических данных подробно и доступно анализируется эволюция хозяйственных отношений как в России, так и в странах зарубежья. Печатается с сохранением особенностей...

У наших партнеров: [litres.ru](#) - 459 ₽ [my-shop.ru](#) - 665 ₽

Начала политической экономии и податного обложения

Рикардо Д., Рязанов Н. · 2020

В книге представлена главная работа Д. Рикардо, посвященная осмыслению вопросов стоимости, налогообложения, внешней торговли, влияния спроса и предложения. Критикуя отдельные положения из работ А. Смита, Ж.-Б. Сэя и Т. Мальтуса, автор предлагает новую теорию движения ренты, прибыли и заработной платы. Книга печатается по изданию 1908 г.

У наших партнеров: [litres.ru](#) - 569 ₽ [my-shop.ru](#) - 819 ₽

Д. Рикардо

НАЧАЛА ПОЛИТИЧЕСКОЙ ЭКОНОМИИ И ПОДАТНОГО ОБЛОЖЕНИЯ

Книга доступна на образовательной платформе «Юрайт» [urait.ru](#), а также в мобильном приложении «Юрайт.Библиотека»

Москва • Юрайт • 2020

Оглавление

| | |
|---|------------|
| Предисловие к русскому изданию | 7 |
| Предисловие к третьему изданию | 11 |
| Предисловие к первому изданию | 12 |
| Глава I. О стоимости | 14 |
| Отдел I..... | 14 |
| Отдел II | 20 |
| Отдел III | 21 |
| Отдел IV | 26 |
| Отдел V..... | 32 |
| Отдел VI | 35 |
| Отдел VII | 38 |
| Глава II. О ренте | 41 |
| Глава III. О ренте с рудников..... | 53 |
| Глава IV. О естественной и рыночной цене | 55 |
| Глава V. О заработной плате | 58 |
| Глава VI. О прибыли | 69 |
| Глава VII. О внешней торговле..... | 83 |
| Глава VIII. О налогах | 99 |
| Глава IX. Налоги на сырые произведения..... | 103 |
| Глава X. Налоги на ренту | 115 |
| Глава XI. Десятина | 117 |
| Глава XII. Поземельный налог | 120 |
| Глава XIII. Налоги на золото..... | 127 |
| Глава XIV. Налоги на дома | 134 |
| Глава XV. Налоги на прибыль..... | 137 |
| Глава XVI. Налоги на заработную плату..... | 145 |
| Глава XVII. Налоги на обработанные продукты | 165 |
| Глава XVIII. Налоги в пользу бедных | 175 |
| Глава XIX. О внезапных переменах в ходе торговли | 179 |

5

ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

Alpina Digital

ВкусВилл: Как совершить революцию в ритейле, делая всё не так

Евгений Щепин

ВкусВилл

Как совершить революцию в ритейле, делая всё не так

37 ПРАВИЛ

альпина ПАБЛИШЕР
Москва
2019

Оглавление

- Предисловие
- Правило №0, или Нетипичное введение. Эта книга могла появиться на свет еще два года назад. А могла не появиться вовсе...
- Правило №1. Даже в тех сферах бизнеса, где ведутся кровопролитные войны за место под солнцем, всегда...
- Правило №2. Делать и

Финансовая отчетность для руководителей и начинающих специалистов

Алексей Герасименко

Финансовая отчетность для руководителей и начинающих специалистов

7-е издание

альпина ПАБЛИШЕР
Москва
2016

Оглавление

- ПРЕДИСЛОВИЕ
- БЛАГОДАРНОСТИ
- ВВЕДЕНИЕ. ПОЧЕМУ НАДО ЧИТАТЬ ЭТУ КНИГУ
- КОМПАНИИ, О КОТОРЫХ ШЛА РЕЧЬ В КНИГЕ
- ГЛАВА 1. ДЕЙСТВУЮЩИЕ ЛИЦА И ИСПОЛНИТЕЛИ

ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

BOOK.ru

НОВИНКИ

БАЗОВАЯ КОЛЛЕКЦИЯ

- КНОРУС 6425
- ЮСТИЦИЯ 568
- РУСАЙНС 5200
- ПАЛЕОТИП 296
- ТРАНСПОРТНАЯ КОМПАНИЯ 17
- ЭКОЛИТ 11
- SCIENTIFIC WORLD 13
- ЭНАС 6
- ЭНЕРГОИНВЕСТ НПЦ 12
- НОВИКОВ Д.А. 57
- ИЗДАТЕЛЬСКИЕ АРХИВЫ 2023
- ▶ ПЕРИОДИКА 142

ТЕМАТИЧЕСКИЕ КОЛЛЕКЦИИ

КОЛЛЕКЦИИ ПАРТНЕРОВ

АУДИОКНИГИ

ИНТЕРАКТИВНЫЕ КУРСЫ

КНОРУС

Показать: доступные бесплатные все

Годы: 2022 2021 2020 2019 2018 Все

| | Наименование |
|--|---|
| | Гостиничный менеджмент |
| | 1С: Зарплата и управление персоналом 8.2. Практическое пособие |
| | 1С:Управление торговлей 8.2 |
| | Academic and Professional English. Exam Preparation Textbook for postgraduate students of Economics |
| | Digital Economy Language=Английский язык в сфере цифровой экономики + eПриложение (Дополните |
| | Economics. Finance. Management = Английский язык в сфере экономики, финансов и менеджмента |

Введение

- ▶ ГЛАВА 1. Программа «1С:Управление торговлей 8.2»: новое поколение управленческих решений
- ▶ ГЛАВА 2. Быстрый старт: начало работы с программой «1С:Управление торговлей 8.2»
 - 2.1. Запуск программы «1С:Управление торговлей 8.2»
 - 2.2. Структура торгового предприятия
 - 2.2.1. Организации, входящие в состав предприятия
 - 2.2.2. Склады (места хранения)
 - 2.2.3. Партнеры торгового предприятия
 - 2.3. Начальные установки параметров учета
 - 2.3.1. Настройка параметров учета торгового предприятия
 - 2.3.2. Ввод информации о товарах
 - 2.3.3. Ввод начальных остатков
 - 2.3.3.1. Ввод остатков товаров
 - 2.3.3.2. Ввод остатков денежных средств
 - 2.3.3.3. Ввод остатков долга контрагента
 - 2.3.3.4. Ввод остатков задолженности по подотчетным лицам
 - 2.4. Знакомство с основными объектами конфигурации
 - 2.4.1. Использование констант в программе «1С:Управление торговлей 8.2»
 - 2.4.2. Хранение информации в справочниках и регистрах
 - 2.4.3. Работа с документами и журналами документов
 - 2.4.4. Основные приемы работы с отчетами в «1С:Управление торговлей 8.2»
- ▶ ГЛАВА 3. Отдел планирования и закупок товаров
- ▶ ГЛАВА 4. Отдел логистики и складского учета
- ▶ ГЛАВА 5. Отдел маркетинга
- ▶ ГЛАВА 6. Отдел оптовой торговли
- ▶ ГЛАВА 7. Отдел розничной торговли
- ▶ ГЛАВА 8. Финансовый отдел
- ▶ ГЛАВА 9. Бухгалтерия
- ▶ ГЛАВА 10. Административный отдел
- ▶ ГЛАВА 11. Удаленные подразделения компании
- ▶ ГЛАВА 12. Отдел информационных технологий



1С:

управление

торговлей

8.2

© 1615996053

Под редакцией Н.В. Селищева

Практическое пособие

ДОСТУП К ВЕДУЩИМ ОТЕЧЕСТВЕННЫМ РЕСУРСАМ

ibooks.ru



Политическая экономия информационно-коммуникационных технологий. Место России на глобальном рынке — 2-е изд., эл.
ISBN 978-5-7598-1406-1_int
Авторы: Терехов А. Н., Ткаченко С. Л.
Москва: ВШЭ, 2020 г., 314 с.



Читайте



Антимонопольное регулирование в цифровую эпоху. Как защищать конкуренцию в условиях глобализации и четвертой промышленной революции : монография — 3-е изд.
ISBN 978-5-7598-1402-3
Авторы: Цариковский А. Ю., Иванов А. Ю., Войниканис Е. А., ред.

Читайте



Базовый доход. Радикальный проект для свободного общества и здоровой экономики пер. с англ. А. Гусева ; под науч. редакцией С. Моисеева; Нац. исслед. ун-т «Высшая школа экономики». — Эл. изд. — (Экономическая теория).
ISBN 978-5-7598-2058-1_int
Авторы: Ван Парайс Филипп, Вандерборхт Я.
Москва: ВШЭ, 2020 г., 441 с.



Читайте



Блокчейн на пике хайпа. Правовые риски и возможности — 2-е изд., эл.
ISBN 978-5-7598-1432-0
Авторы: Иванов А. Ю., Башкатов М. Л., Галкова Е. В., Тюляев Г. С. и др.
Москва: ВШЭ, 2020 г., 240 с.

Читайте

ПОЛИТИЧЕСКАЯ ЭКОНОМИЯ ИНФОРМАЦИОННО-КОММУНИКАЦИОННЫХ ТЕХНОЛОГИЙ

МЕСТО РОССИИ НА ГЛОБАЛЬНОМ РЫНКЕ

А.Н. Терехов
С.Л. Ткаченко

| | |
|--|------------|
| Список сокращений..... | 8 |
| Введение | 10 |
| Глава 1. Формирование глобального рынка ИКТ..... | 28 |
| 1.1. Взаимосвязь технологического и экономического развития | 33 |
| 1.2. Политико-экономическая периодизация развития информационных технологий..... | 43 |
| 1.3. ИКТ и мировая экономика: первая встреча | 50 |
| 1.4. Этап зарождения индустрии ИКТ (1960–1980-е годы): на Западе и в СССР..... | 52 |
| 1.5. Современный этап развития ИКТ (с 1990-х годов по настоящее время)..... | 63 |
| Глава 2. Институциональный анализ глобального рынка ИКТ и его ключевые игроки | 79 |
| 2.1. Компании и правительства: диалектика отношений в сфере современных ИКТ | 79 |
| 2.2. Участники рынка ИКТ | 94 |
| 2.3. Ценности тоже имеют значение..... | 106 |
| 2.4. Формирование глобального рынка ИКТ: политико-экономические последствия | 112 |
| Глава 3. Современный рынок ИКТ: основные характеристики | 118 |
| 3.1. Регулирование и дерегулирование экономики: влияние на рост в секторе ИКТ | 119 |
| 3.2. Рынок ИКТ в XXI столетии: основные характеристики | 131 |
| 3.3. Информационное неравенство, или Цифровой барьер | 136 |
| | 5 |

ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Доступ к реферативным базам и базам данных научного цитирования

EndNote Essential Science Indicators

Journal Citation Reports **Master Journal List**

InCites Kopernio **publons**

Web of ScienceTM



SJR
SciVal



Scopus



zbMATH Open
THE FIRST RESOURCE FOR MATHEMATICS

ДОСТУП К БАЗАМ ДАННЫХ НАУЧНОГО ЦИТИРОВАНИЯ

Web of Science

The screenshot displays the Web of Science search interface. At the top, there is a navigation bar with 'Web of Science', 'Search', 'Marked List', 'History', and 'Alerts'. On the right, there are links for 'English', 'Sign In', 'Register', and 'My Apps'. The main content area features a search bar with the query 'Economic statistics (Topic) or EVANS (Author)'. Below the search bar, there are buttons for 'ANALYZE RESULTS', 'CITATION REPORT', and 'CREATE ALERT'. The search results are displayed in a list format, with the first result being 'Measuring the Past: Free Digitized Sources of Historical International Economic Information' by Evans, KJ and Welch, JM, published in 2014 in the Journal of Business & Finance Librarianship. The second result is 'The Development and Reform of Social-economic Statistics Education' by Luo, LQ, published in 2012 in the Journal of Education And Education Management. The interface also includes a 'Refine results' section with 'Quick Filters' and 'Publication Years'.

Working together to research confidently
Search the largest network of curated research in the world.

Search in: Web of Science Core Collection

DOCUMENTS | AUTHORS | CITED REFERENCES

Topic: Economic statistics

Author: EVANS

161,563 results from Web of Science Core Collection for:

Search within results for...

Quick Filters:

- Highly Cited Papers: 1,047
- Hot Papers: 37
- Review Articles: 4,506
- Early Access: 558
- Open Access: 40,128

Publication Years:

- 2021: 725
- 2020: 6,472
- 2019: 7,050
- 2018: 6,670
- 2017: 6,323

0/161,563 ADD TO MARKED LIST EXPORT

Relevance < 1 of 2,000 >

1 Measuring the Past: Free Digitized Sources of Historical International Economic Information
Evans, KJ and Welch, JM
2014 | Journal Of Business & Finance Librarianship
54 References

2 The Development and Reform of Social-economic Statistics Education
Luo, LQ
2nd International Conference on Education and Education Management (EEM 2012)
2012 | Education And Education Management
9 References

ДОСТУП К БАЗАМ ДАННЫХ НАУЧНОГО ЦИТИРОВАНИЯ

Web of Science

Analyze Results
161,563 publications selected from Web of Science Core Collection

Web of Science Categories

Sort by: Results count | Show: 25 | Minimum record count: 1

Visualization: TreeMap Chart | Number of results: 10

| | | | |
|---|---|--|------------------|
| 6,279 Medicine General Internal | 4,916 Chemistry Multidisciplinary | 4,431 Economics | 4,232 Surgery |
| 5,972 Oncology | 4,671 Public Environmental Occupational Health | 4,135 Engineering Electrical Electronic | |
| 5,864 Biochemistry Molecular Biology | 4,644 Astronomy Astrophysics | 4,018 Multidisciplinary Sciences | |

64 results from Web of Science Core Collection for:
Economic statistics (Topic) or EVANS (Author)

Refined by: Web of Science Categories: Economics | Document Types: Review Articles | Clear all

Copy query link

Refine results

Search within results for...

Quick Filters

- Highly Cited Papers: 1
- Review Articles: 64
- Open Access: 17

Publication Years

- 2020: 1
- 2019: 11
- 2018: 6
- 2017: 3
- 2016: 2

See all

Document Types

- Review Articles: 64
- Book Chapters: 1

ECONSTOR A Service of **ZBW**
Leibniz Informationszentrum Wirtschaft
Leibniz Information Centre for Economics

Make Your Publications Visible.

O'Neill, Robert

Article
Teaching Index Numbers to economists

Cogent Economics & Finance

Provided in Cooperation with:
Taylor & Francis Group

Suggested Citation: O'Neill, Robert (2015) : Teaching Index Numbers to economists, Cogent Economics & Finance, ISSN 2332-2039, Taylor & Francis, Abingdon, Vol. 3, Iss. 1, pp. 1-10, <http://dx.doi.org/10.1080/23322039.2015.1115625>

This Version is available at:
<http://hdl.handle.net/10419/147778>

Standard-Nutzungsbedingungen:
Die Dokumente auf EconStor dürfen zu eigenen wissenschaftlichen Zwecken und zum Privatgebrauch gespeichert und kopiert werden.
Sie dürfen die Dokumente nicht für öffentliche oder kommerzielle Zwecke vervielfältigen, öffentlich ausstellen, öffentlich zugänglich machen, vertreiben oder anderweitig nutzen.
Sofern die Verfasser die Dokumente unter Open-Content-Lizenzen (insbesondere CC-Lizenzen) zur Verfügung gestellt haben sollten, gelten abweichend von diesen Nutzungsbedingungen die in der dort genannten Lizenz gewährten Nutzungsrechte.

Terms of use:
Documents in EconStor may be saved and copied for your personal and scholarly purposes.
You are not to copy documents for public or commercial purposes, to exhibit the documents publicly, to make them publicly available on the internet, or to distribute or otherwise use the documents in public.
If the documents have been made available under an Open Content Licence (especially Creative Commons Licences), you may exercise further usage rights as specified in the indicated licence.

<http://creativecommons.org/licenses/by/4.0/>

WWW.ECONSTOR.EU

ДОСТУП К БАЗАМ ДАННЫХ НАУЧНОГО ЦИТИРОВАНИЯ

Scopus

Документы Авторы Организации

Советы по поиску ?

Поиск в пределах
Название статьи, краткое описание, ключевые слова

Поиск по ключевым
Economic statistics

OR

Поиск в пределах
Авторы

Поиск по ключевым
EVANS

188,325 результатов поиска документов

(TITLE-ABS-KEY (economic AND statistics) OR AUTHOR-NAME (evans))

Редактировать Сохранить Настроить оповещение

Искать в результатах...

Документы Вспомогательные документы Патенты Просмотреть данные Mendeley (760025)

Анализировать результаты поиска Показать все краткие описания Сортировать по: Дата (самые новые)

Все Экспорт Скачать Просмотреть обзор цитирования Просмотр цитирующих документов Сохранить в список

| | Название документа | Авторы | Год | Источник | Цитирования |
|--------------------------|---|--|------|---|-------------|
| <input type="checkbox"/> | 1 Measurement of space charge effects in the MicroBooNE LArTPC using cosmic muons <i>Открытый доступ</i> | Abratenko, P., Alrashed, M., An, R., (...), Zennamo, J., Zhang, C. | 2021 | Journal of Instrumentation 15(12),P12037 | 0 |
| | Просмотр краткого описания <input type="checkbox"/> HSE fulltext View at Publisher Связанные документы | | | | |
| <input type="checkbox"/> | 2 An analysis of the effect of human capital investment on economic development in nigeria: Does a new indicator alter existing evidence? <i>Открытый доступ</i> | Ogundipe, A.A., Mobolaji, O., Ogundipe, O.M. | 2021 | Asian Economic and Financial Review 11(1), с. 17-29 | 0 |
| | Просмотр краткого описания <input type="checkbox"/> HSE fulltext View at Publisher Связанные документы | | | | |

Уточнить результаты

Ограничить Исключить

Open Access (открытый доступ)

- All Open Access (58 789) >
- Gold (14 914) >
- Hybrid Gold (6 049) >
- Bronze (18 516) >
- Green (46 369) >

Подробнее

Год

- 2021 (1 813) >
- 2020 (8 022) >

ДОСТУП К БАЗАМ ДАННЫХ НАУЧНОГО ЦИТИРОВАНИЯ

Scopus

Отрасль знаний ↓ Документы ↓

| | |
|-------------------------------------|------|
| Materials Science | 9694 |
| Computer Science | 9480 |
| Mathematics | 7169 |
| Economics, Econometrics and Finance | 6409 |
| Arts and Humanities | 6178 |
| Business, Management and Accounting | 6085 |

| Название документа | Авторы | Год | Источник |
|--|---|------|--|
| <input type="checkbox"/> 1 An analysis of the effect of human capital investment on economic development in nigeria: Does a new indicator alter existing evidence? <i>Открытый доступ</i> | Ogundipe, A.A., Mobolaji, O., Ogundipe, O.M. | 2021 | Asian Economic and Financial Review 11(1), с. 17-29 |
| Просмотр краткого описания ▾ HSE full text View at Publisher Связанные документы | | | |
| <input type="checkbox"/> 2 Determinants of economic achievement for women entrepreneurs in Ethiopia <i>Открытый доступ</i> | Beriso, B.S. | 2021 | Journal of Innovation and Entrepreneurship 10(1),5 |
| Просмотр краткого описания ▾ HSE full text View at Publisher Связанные документы | | | |
| <input type="checkbox"/> 3 Assessment of Health-Related Quality of Life Among HIV-Infected Patients Receiving Care in a Nigerian Tertiary Hospital <i>Открытый доступ</i> | Anosike, C., Anene-Okeke, C.G., Akunne, M.O. | 2021 | Value in Health Regional Issues 25, с. 1-6 |
| Просмотр краткого описания ▾ HSE full text View at Publisher Связанные документы | | | |

Asian Economic and Financial Review
ISSN(e): 2222-6737
 ISSN(p): 2303-2147
 DOI: 10.18488/ajefr.2021.11.17.29
 Vol. 11, No. 1, 17-29.
 © 2021 AESS Publications. All Rights Reserved.
 URL: www.aessweb.com

[check for updates](#)

AN ANALYSIS OF THE EFFECT OF HUMAN CAPITAL INVESTMENT ON ECONOMIC DEVELOPMENT IN NIGERIA: DOES A NEW INDICATOR ALTER EXISTING EVIDENCE? [Check for updates](#)

Adeyemi A. Ogundipe^{1*}
Olasinde Mobolaji¹
Oluwatomisin M. Ogundipe²

¹Department of Economics and Development Studies Covenant University Nigeria.
 Email: ade.ogundipe@covenantuniversity.edu.ng Tel: +8346161987372

(+ Corresponding author)

ABSTRACT

Article History
Received: 10 April 2020
 Revised: 2 November 2020
 Accepted: 16 December 2020
 Published: 30 December 2020

Keywords
Human capital investment
 Economic Development
 GDP per capita
 Energy access
 Co-integration
 Time Series.

JEL Classification:
J24, O16, E22, D31.

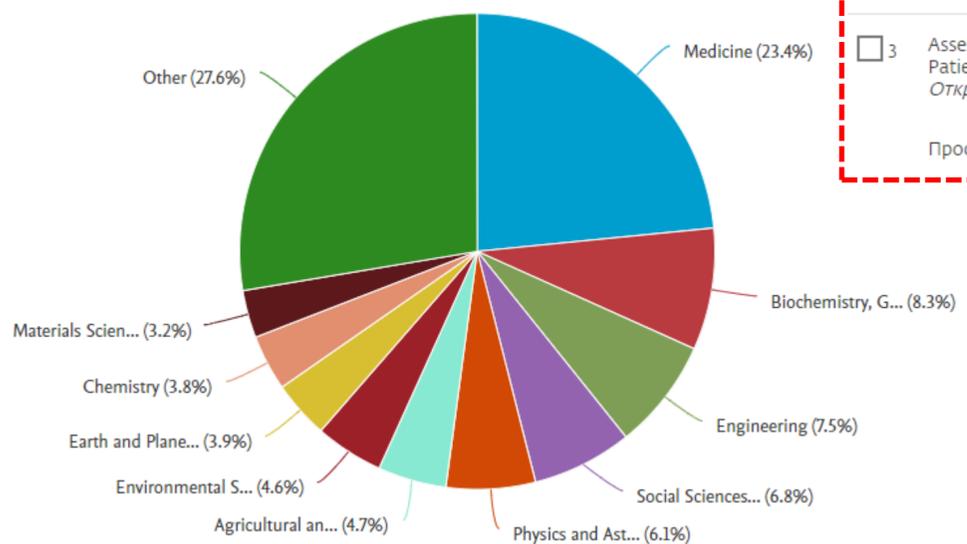
Contribution/Originality: The study documents the relevance of human capital investment on economic development in Nigeria. The unique contribution lies in the indicators of economic development adopted. An inclusive measure of economic development was used, and the empirical evidence differs from previous studies using GDP per capita as a measure of economic development.

1. INTRODUCTION

The relationship between human capital and economic development goes as far back as the 1930s when Alfred Marshall asserted in his book, Principles of Economics, that investment in people makes human capital the most valuable of all capitals and stimulates economic development. Many other authors have stressed the importance of the relationship between human capital, or investment in human capital, and economic growth, and have formulated various models to explain this theory. The endogenous growth model, which was an improvement on the Harrod-Domar and Solow growth models, explains that investment in human capital, innovation and knowledge would unquestionably contribute to economic growth.

Other researchers such as Oluwatobi and Ogunrinola (2011), Matthew (2011), Akintunde and Satope (2013), Oladeji (2015), and Jaiyeoba (2015) who have also looked at human capital investment or human capital

© 2021 AESS Publications. All Rights Reserved.



ДОСТУП К РЕФЕРАТИВНЫМ БАЗАМ ДАННЫХ

Zentralblatt MATH (zbMATH)

zbMATH Open

Documents Authors Serials Classification Software Formulæ

 any:Fermat & dt:j Fields

Mark All Display Marked Items Page 1 of 2 First Prev Next Last

Found 128 Documents (Results 1–100)

Hits per Page 100 Display Format MathJax Result Sorting Newest 1st

Filter Results

Author

 Gąsziuk, Aleksandra
Cao, Zhenfu (5)
Bialek, Krystyna
Le, Maohua (4)
Granville, Andrew

Serial

 C. R. Math. Acad. Sci. Paris (5)
Can. (5)
J. Number Theory (5)
Fibonacci Q. (4)
Elem. Math. (3)
Math. Comput. (3)

Year of Publication

 all 2016 (3)
2015 (2)
2014 (6)

zbMATH Open

THE FIRST RESOURCE FOR MATHEMATICS

Křížek, Michal; Somer, Lawrence

The Abel Prize awarded for the proof of Fermat's last theorem. (Czech) [Zbl 1363.01011] Pokroky Mat. Fyz. Astron. 61, No. 3, 169-188 (2016).

 The 2016 Abel Prize for mathematics was awarded to Sir Andrew Wiles for his sensational proof of Fermat's last theorem: the equation $x^n + y^n = z^n$ has no solution in positive integers for $n > 2$. Then, they introduce elliptic curves and modular forms. Finally, they present the main idea of the proof.

Reviewer: Sergey Korotov

MSC:

 01A65 Development of contemporary mathematics
01A70 Biographies, obituaries, personalia, bibliographies

Keywords:

Abel Prize; Fermat's last theorem

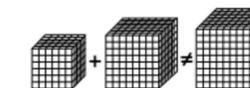
 Full Text: [Link](#)

Abelova cena v roce 2016 udělena za důkaz Velké Fermatovy věty

Michal Křížek, Praha, Lawrence Somer, Washington, DC

*Cubum autem in duos cubos, aut
quadratoquadratum in duos quadratoquadratos,
et generaliter nullam in infinitum ultra
quadratum potestatem in duos eiusdem nominis
fas est dividere¹...*

PIERRE DE FERMAT



Abstrakt. Abelovu cenu za matematiku získal v roce 2016 britský matematik sir Andrew Wiles za svůj senzační důkaz Velké Fermatovy věty. V článku popisujeme, jakým způsobem k důkazu dospěl.

1. Úvod

Abelova cena je vedle Fieldsovy medaile nejvyšší mezinárodní ocenění za vynikající výsledky na poli matematiky zahrnující i matematické aspekty výpočetní matematiky, matematické fyziky, pravděpodobnosti, numerické matematiky, vědeckých výpočtů, statistiky a aplikované matematiky.

Dne 15. března 2016 prezident Norské akademie věd Ole M. Sejersted oznámil, že Abelovu cenu za rok 2016 obdrží britský matematik Andrew Wiles za svůj senzační důkaz Velké Fermatovy věty pomocí modulární domněnky pro semistabilní eliptické křivky a za otevření nové epochy výzkumu v teorii čísel [39].

Francouzský matematik PIERRE DE FERMAT (1601–1665) si v roce 1637 připsal na okraj svého exempláře² Bachetova vydání Diofantovy *Aritmetiky* [2] poznámku,

¹Je nemožné napsat třetí mocninu jako součet dvou třetích mocnin, nebo čtvrtou mocninu jako součet dvou čtvrtých mocnin, či obecně jakékoli číslo, které samo je mocninou větší než dva, nelze napsat jako součet dvou stejných mocnin... [Míní se jen mocniny přirozených čísel.]

²V roce 1670 Samuel de Fermat, syn PIERRE DE FERMATA (1601–1665), publikoval ve francouzském Toulouse Diofantovu *Aritmetiku* [2] rozšířenou právě o poznámky svého otce, viz obr. 1.

Prof. RNDr. MICHAL KRÍŽEK, DrSc., Matematický ústav AV ČR, v.v.i., Žitná 25, 115 67 Praha 1, e-mail: krizek@cesnet.cz, prof. LAWRENCE SOMER, Ph.D., Department of Mathematics, Catholic University of America, Washington, DC 20064, U.S.A., e-mail: somer@cua.edu

ДОСТУП К РЕФЕРАТИВНЫМ БАЗАМ ДАННЫХ

MathSciNet



National Research University Higher School of Economics



Публикации Авторы Журналы Citations

ISSN 2167-5163

Термины Поиска

Автор и
 Заглавие и
 MSC Основной и
 Где угодно



Выберите год:

Полная База Данных
 Год
 Временной Интервал: до

Тип Публикации

Все
 Книги
 Журналы
 Труды

Review Format

PDF
 HTML

Начать Поиск Очистить Поля Поиска

Matches: 5

Batch Download: Retrieve Marked Retrieve First 50 Mark All Unmark All

Publications results for "Author=(Hilbert, D) AND Publication Type=(Journals)"

Sort by:

Search within results

Item Type

DML (5)

Authors

Hilbert, David¹ (5)
 Hurwitz, Adolf (1)
 Nordheim, L. (1)
 von Neumann, John (1)

Primary Classification

Other (5)

- MR1512390** DML Hilbert, D.; Neumann, J. v.; Nordheim, L.; Über die Grundlagen der Quantenmechanik. (German) *Math. Ann.* 98 (1928), no. 1, 1-30.
 Review PDF | Clipboard | Journal | Article | 7 Citations
- MR1512361** DML Hilbert, D. Über die Gleichung neunten Grades. (German) *Math. Ann.* 97 (1928), no. 1, 243-250.
 Review PDF | Clipboard | Journal | Article | 6 Citations
- MR1512008** DML Hilbert, D. Adolf Hurwitz. (German) *Math. Ann.* 83 (1921), no. 3-4, 161-171.
 Review PDF | Clipboard | Journal | Article | 2 Citations
- MR1508981** DML Hilbert, D. Les principes fondamentaux de la géométrie. (French) *Ann. Sci. Norm. Sup. (3)* 17 (1900), 103-209.
 Review PDF | Clipboard | Journal | Article | 4 Citations
- MR1554798** DML Hilbert, D.; Hurwitz, A. Über die diophantischen Gleichungen vom Geschlechte Null. (German) *Acta Math.* 14 (1890), no. 1, 217-224.
 Review PDF | Clipboard | Journal | Article | 8 Citations

Über die Gleichung neunten Grades.

Von
D. Hilbert in Göttingen.

Die Mehrzahl derjenigen Probleme, die ich in meinem Vortrage „Mathematische Probleme“¹⁾ genannt hatte, und die verschiedenen Gebieten der Mathematik angehören, sind seitdem auf mannigfache Weise erfolgreich behandelt worden. In der folgenden Mitteilung möchte ich auf einige dieser Probleme zurückkommen und zwar auf solche, die zu ihrer Behandlung rein algebraische Hilfsmittel und Methoden erfordern, während die Fragestellungen selbst aus andern, nicht algebraischen Disziplinen entsprungen sind.

Eine erste Klasse solcher Probleme betrifft die Frage nach der Endlichkeit gewisser voller Funktionensysteme — eine Fragestellung, die wir der Invariantentheorie verdanken. Das einfachste Problem dieser Klasse scheint mir folgendes zu sein.

Es seien eine Anzahl m von ganzen rationalen Funktionen X_1, \dots, X_m der Variablen x mit bestimmten numerischen Koeffizienten vorgelegt; dann wird offenbar jede ganze rationale Verbindung von X_1, \dots, X_m nach Eintragung dieser Ausdrücke stets eine ganze rationale Funktion von x . Es kann jedoch sehr wohl gebrochene rationale Funktionen von X_1, \dots, X_m geben, die nach jener Eintragung ebenfalls zu ganzen Funktionen von x werden. Das Problem besteht nun darin, zu zeigen, daß sich eine endliche Anzahl solcher gebrochener Funktionen von X_1, \dots, X_m finden läßt, aus denen, zusammen mit den Funktionen X_1, \dots, X_m selbst, jede andere solche gebrochene Funktion in ganzer rationaler Weise zusammengesetzt werden kann²⁾.

¹⁾ Gehalten auf dem internationalen Mathematiker-Kongreß zu Paris: Nachrichten der Gesellschaft der Wissenschaften zu Göttingen, sowie Archiv der Mathematik und Physik. 1900.

²⁾ Vgl. das 14. Problem meines zitierten Vortrages.

16*

ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Доступ к специализированным базам данных



OECD *iLibrary*



IMF eLIBRARY



Counseling and Psychotherapy Transcripts



ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Ресурсы Всемирного банка – World Development Indicators

Explore databases

Type keywords to filter database names Filter by: Topic Source

World Development Indicators Public

World Development Indicators (WDI) is the primary World Bank collection of development indicators, compiled from officially recognized international sources. It presents the most current and accurate global [See more +](#)

Last Updated: 02/17/2021

Statistical Capacity Indicators Public

Statistical Capacity Indicators provides information on various aspects of national statistical systems of developing countries, including an overall country-level statistical capacity indicator.

Last Updated: 02/03/2021

Education Statistics - All Indicators Public

The World Bank EdStats Query holds around 2,500 internationally comparable education indicators for access, progression, completion, literacy, teachers, population, and expenditures. The indicators cover [See more +](#)

Last Updated: 12/20/2020

Gender Statistics Public

Data on key gender topics. Themes included are demographics, education, health, labor force, and political participation.

Last Updated: 02/23/2021

Health Nutrition and Population Statistics Public

Key health, nutrition and population statistics gathered from a variety of international sources.

Last Updated: 12/18/2020

DataBank | World Development Indicators ⓘ
Table ⌵ Chart ⌵

Variables
Layout
Styles
Save
Share
Embed

Database Available 79 | Selected 1

Country Available 264 | Selected 264

Series Available | Selected 57

Time Available 61 | Selected 5

Availability Range: Year [1960 - 2020]

Sort Remove all Ascending

2020

2004

1988

1972

2019

2003

1987

1971

2018

2002

1986

1970

2017

2001

1985

1969

2016

2000

1984

1968

2015

1999

1983

1967

2014

1998

1982

1966

2013

1997

1981

1965

2012

1996

1980

1964

⌵ Popular Indicators
Clear Selection | Add Country (264) Add Series (57) Add Time (5)

Russian Federation ⌵

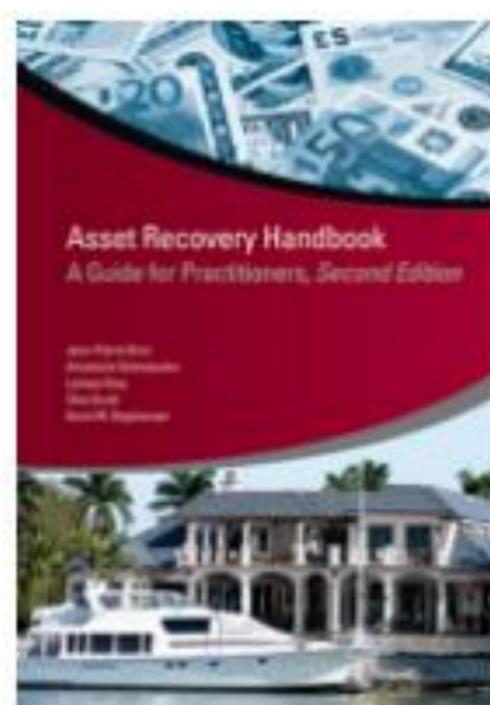
| | 2000 | 2005 | 2006 | 2007 | 2015 |
|---|---------------|---------------|---------------|---------------|---------------|
| Population, total | 146596869.0 | 143518814.0 | 143049637.0 | 142805114.0 | 144096870.0 |
| Population growth (annual %) | -0.4 | -0.4 | -0.3 | -0.2 | 0.2 |
| Surface area (sq. km) | 17098240.0 | 17098240.0 | 17098240.0 | 17098240.0 | 17098250.0 |
| Poverty headcount ratio at national poverty lines (% of population) | 29.0 | 17.8 | 15.2 | 13.3 | 13.3 |
| GNI, Atlas method (current US\$) | 250287006783. | 638631920697. | 830471202264. | 107991967789. | 172523422865. |
| GNI per capita, Atlas method (current US\$) | 1710.0 | 4450.0 | 5810.0 | 7560.0 | 11780.0 |
| GNI, PPP (current international \$) | 974627421657. | 165558578041. | 207112154403. | 232472023753. | 342860996811. |
| GNI per capita, PPP (current international \$) | 6650.0 | 11540.0 | 14480.0 | 16280.0 | 23420.0 |
| Income share held by lowest 20% | 6.4 | 5.8 | 5.9 | 5.8 | 6.9 |
| Life expectancy at birth, total (years) | 65.5 | 65.5 | 66.7 | 67.6 | 71.2 |
| Fertility rate, total (births per woman) | 1.2 | 1.3 | 1.3 | 1.4 | 1.8 |
| Adolescent fertility rate (births per 1,000 women ages 15-19) | 30.6 | 28.8 | 29.2 | 29.6 | 23.0 |
| Contraceptive prevalence, any methods (% of women ages 15-49) | .. | .. | .. | 63.2 | .. |
| Births attended by skilled health staff (% of total) | 99.2 | 99.4 | 99.5 | 99.6 | .. |
| Mortality rate, under-5 (per 1,000 live births) | 19.3 | 13.8 | 12.8 | 11.9 | 8.2 |

ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Ресурсы Всемирного банка – World Bank e-Library



Книга. Март 2021



Книга. Январь 2021



Книга. Декабрь 2020



Журналы текущие



ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

OECD iLibrary

OECD iLibrary

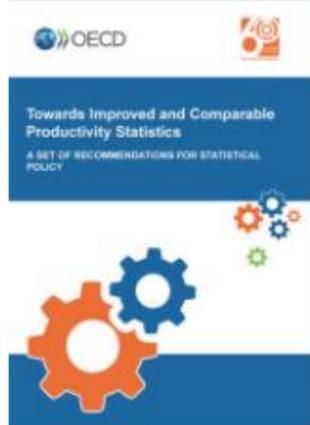
EN ▾

☆ My Favorites

⏻ Logout

- Browse by Theme ▾
- Browse by Country ▾
- Browse by Theme and Country ▾
- Catalogue ▾
- Statistics**

- Books
- Papers
- Statistics
- Glossaries
- Coronavirus (COVID-19)



Databases Extract data from across datasets

- OECD Patent Statistics
- OECD Pensions Statistics
- OECD Product Market Regulation Statistics
- OECD Productivity Statistics
- OECD Quarterly International Trade Statistics
- OECD Regional Statistics
- OECD Science, Technology and R&D Statistics

Indicators Country statistical profiles

- Agricultural output
- Agricultural policy
- Air and climate
- Benefits and wages
- Biodiversity
- Broadband access
- Conversion rates

Glossaries

Table of Contents

| Mark | Date | Title |
|------|-------------|---|
| ☆ > | 11 Mar 2020 | Glossary for Transport Statistics 2019 5th edition |
| ☆ > | 04 Oct 2010 | Illustrated Glossary for Transport Statistics 4th Edition |
| ☆ > | 20 Oct 2008 | Multilingual Dictionary of Fish and Fish Products |
| ☆ > | 01 Sep 2008 | OECD Glossary of Statistical Terms |
| ☆ > | 11 Mar 2008 | Corruption |
| ☆ > | 17 Nov 2006 | OECD Economics Glossary |
| ☆ > | 06 Jan 2006 | The Social Costs of Transport |
| ☆ > | 06 Jan 2006 | Glossary for Transport Statistics 3rd Edition |
| ☆ > | 06 Jan 2006 | Terminology on Combined Transport (English-French-German-Russian) |
| ☆ > | 14 Mar 2005 | Private Pensions |

A. Railway transport

A.I INFRASTRUCTURE

A.I-01 TRACK

A pair of rails over which rail borne vehicles can run maintained by an infrastructure manager. Metro, Tram and Light rail urban lines are excluded.

In the context of the EU reporting the cumulative length of railway tracks excludes also the following:

- Lines solely used for operating touristic trains and heritage trains;
- Lines constructed solely to serve mines, forests or other industrial or agricultural installations and which are not open to public traffic;
- Private lines closed to public traffic and functionally separated (i.e. stand-alone) networks;
- Private lines used for own freight transport activities or for non-commercial passenger services and light rail tracks occasionally used by heavy rail vehicles for connectivity or transit purposes.



A.I-01.1 MAIN/RUNNING TRACK

A track providing end-to-end line continuity designed for running trains between stations or places indicated in timetables, network statements, rosters or other indications/publications as independent points of departure or arrival for the conveyance of passengers or goods.

A.I-01.2 OTHER TRACKS

All other tracks than main/running ones:

- tracks maintained, but not operated by the infrastructure manager;
- tracks at service facilities not used for running trains, including sidings.

Tracks at service facilities not used for running trains are excluded. The boundary of the service facility is the point at which the railway vehicle leaving the service facility cannot pass without having an authorization to access the mainline or other similar line. This point is usually identified by a signal.

Service facilities are passenger stations, their buildings and other facilities; freight terminals; marshalling yards and train formation facilities, including shunting facilities; storage sidings; maintenance facilities; other technical facilities, including cleaning and washing facilities; maritime and inland port facilities which are linked to rail activities; relief facilities; refuelling facilities and supply of fuel in these facilities.

A.I-02 RAILWAY LINE

Line of transportation made up by rail exclusively for the use of railway vehicles and maintained for running trains.

A line is made up of one or more tracks, according to the definition A.I-01 Track and the corresponding exclusion criteria.

Excluded are:

- Stretches of road or water even if rolling stock is conveyed over such routes, e.g. by wagon-carrying trailers or ferries.



ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

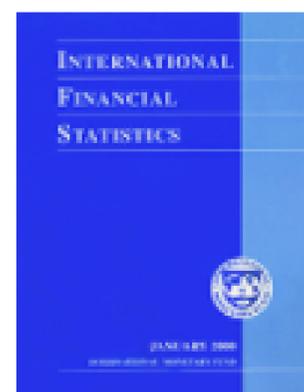
Ресурсы МВФ – IMF e-library



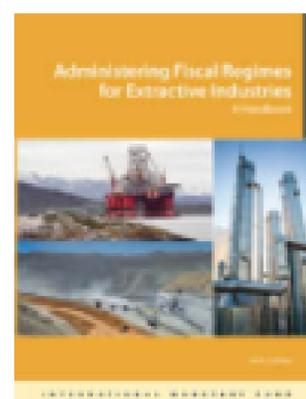
Book



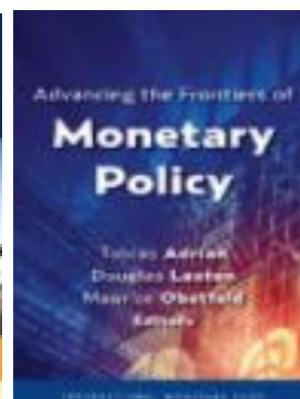
Book



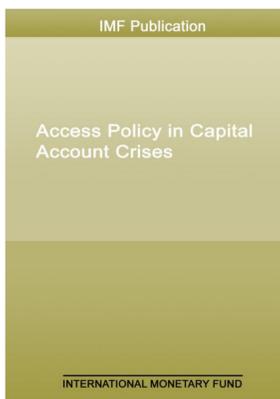
Статистика



Book



Book



Статьи



МЕЖДУНАРОДНЫЙ ВАЛЮТНЫЙ ФОНД

Руководство по платежному балансу и международной инвестиционной позиции

Шестое издание (РПБ6)

СПРАВОЧНИК

СПРАВОЧНИК ДЛЯ РПБ6 ПО СОСТАВЛЕНИЮ ДАННЫХ

СОПРОВОДИТЕЛЬНЫЙ ДОКУМЕНТ К ШЕСТОМУ ИЗДАНИЮ «РУКОВОДСТВА ПО ПЛАТЕЖНОМУ БАЛАНСУ И МЕЖДУНАРОДНОЙ ИНВЕСТИЦИОННОЙ ПОЗИЦИИ»

МЕЖДУНАРОДНЫЙ ВАЛЮТНЫЙ ФОНД

ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Passport (Euromonitor)



APPLE INC IN CONSUMER ELECTRONICS (WORLD)

February 2019

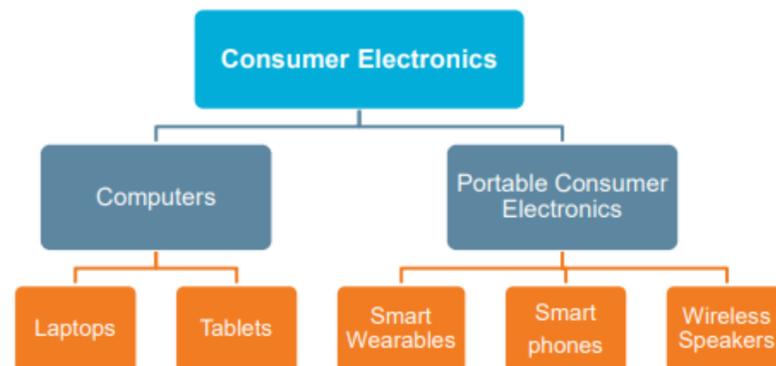
SCOPE OF THE REPORT

Scope

- Apple (Apple Inc) is one of the most recognisable brands in the world.
- This reports examines the company's business, challenges and key competitors within consumer electronics.

Disclaimer
 Much of the information in this briefing is of a statistical nature and, while every attempt has been made to ensure accuracy and reliability, Euromonitor International cannot be held responsible for omissions or errors.
 Figures in tables and analyses are calculated from unrounded data and may not sum. Analyses found in the briefings may not totally reflect the companies' opinions, reader discretion is advised.

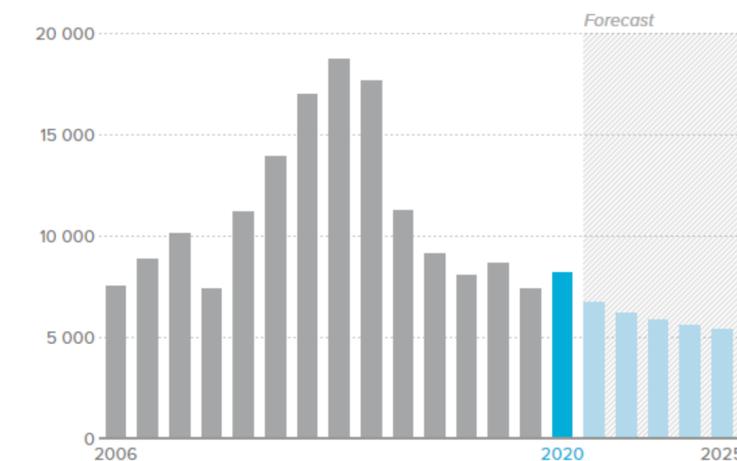
After a stellar financial year with record-breaking results, Apple started the latest quarter with bad news. This reports explores how Apple can transform itself in 2019.



Market Sizes

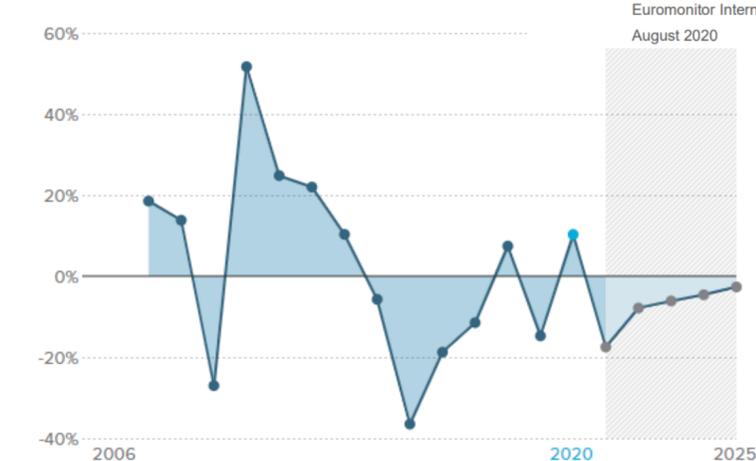
Sales of Computers and Peripherals
 Retail Volume - '000 units - 2006-2025

8 135



Sales Performance of Computers and Peripherals
 % Y-O-Y Retail Volume Growth 2006-2025

10.3%



Computers and Peripherals in Russia

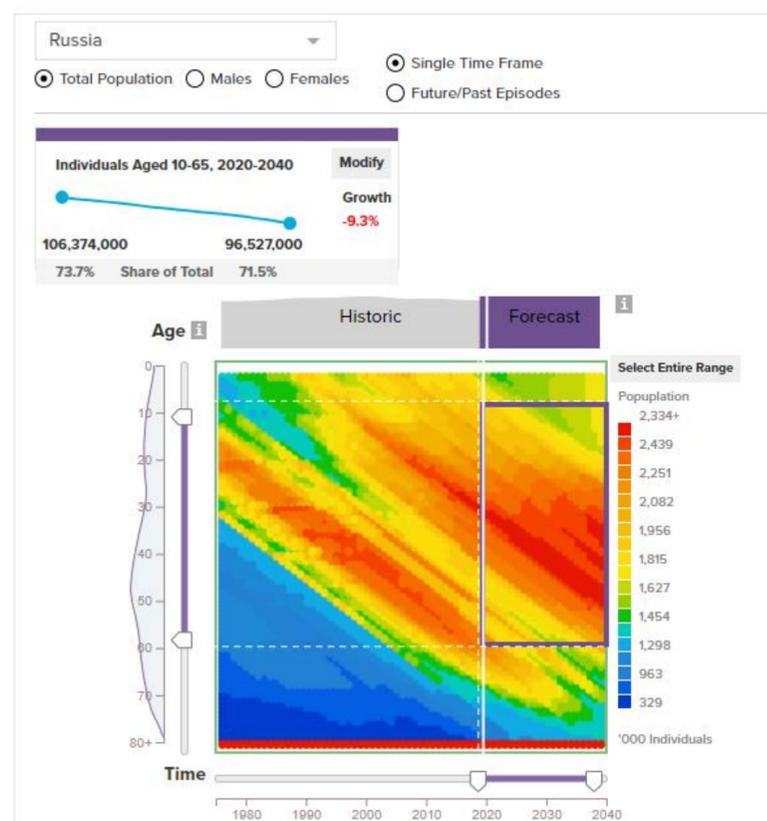
Euromonitor International
 August 2020

| Stats Type | Geography | Category | Data Type | Unit | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------|-----------|-------------------------------|---------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | World | Consumer Electronics | Retail Volume | '000 units | 2 739 381,6 | 2 706 227,4 | 2 698 038,6 | 2 683 072,7 | 2 668 013,6 | 2 514 775,3 |
| | World | Computers and Peripherals | Retail Volume | '000 units | 442 967,6 | 411 004,8 | 384 805,0 | 369 765,6 | 359 035,5 | 350 800,1 |
| | World | In-Car Entertainment | Retail Volume | '000 units | 55 299,2 | 50 222,2 | 46 660,8 | 42 287,8 | 38 931,0 | 35 063,7 |
| | World | In-Home Consumer Electronics | Retail Volume | '000 units | 352 434,7 | 340 615,3 | 328 184,1 | 329 616,1 | 326 996,6 | 311 853,4 |
| | World | Portable Consumer Electronics | Retail Volume | '000 units | 1 888 680,2 | 1 904 385,1 | 1 938 388,7 | 1 941 403,3 | 1 943 050,5 | 1 817 058,1 |
| | World | Imaging Devices | Retail Volume | '000 units | 52 805,5 | 41 102,8 | 37 941,8 | 34 338,7 | 30 488,7 | 25 567,4 |
| | World | Mobile Phones | Retail Volume | '000 units | 1 640 892,0 | 1 633 742,6 | 1 638 033,2 | 1 603 540,2 | 1 562 706,5 | 1 423 260,7 |
| | World | Portable Players | Retail Volume | '000 units | 114 588,3 | 122 049,1 | 143 695,0 | 171 692,8 | 201 704,0 | 206 632,4 |
| | World | Wearable Electronics | Retail Volume | '000 units | 80 394,5 | 107 490,5 | 118 718,8 | 131 831,5 | 148 151,2 | 161 597,6 |

ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

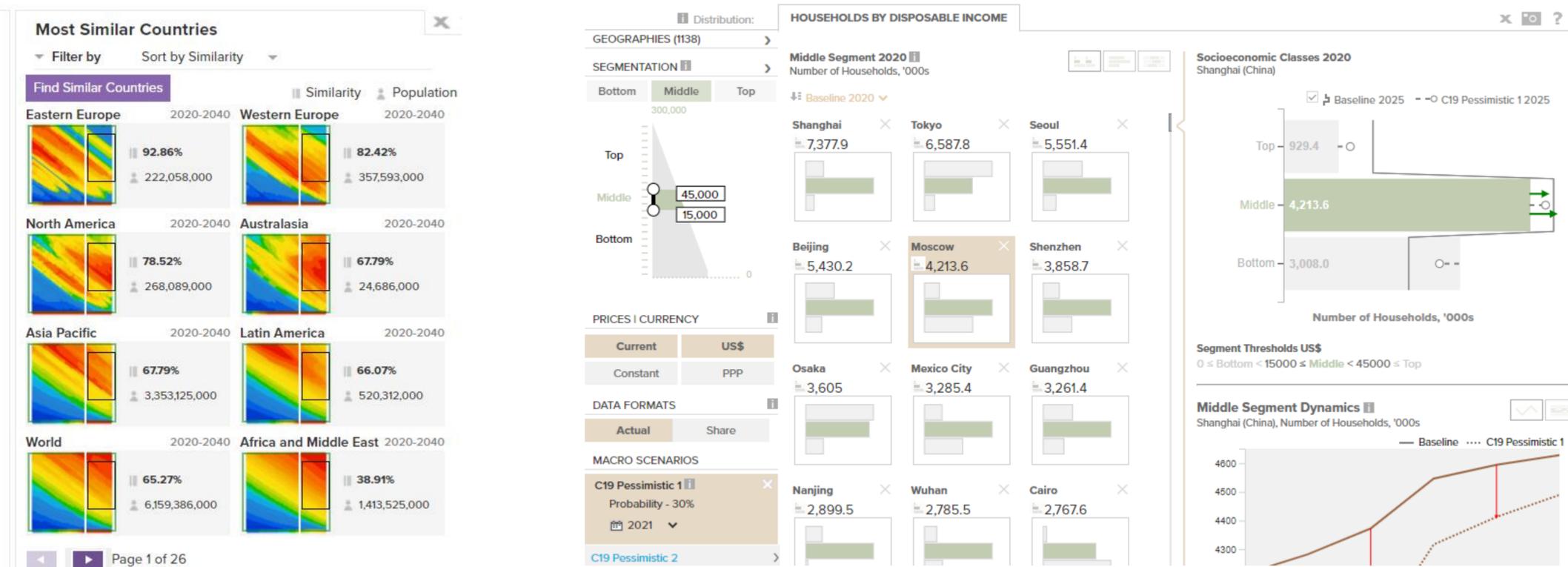
Passport (Euromonitor)

Future Demographics Model



Модель демографии будущего

Cities Income Distribution Model

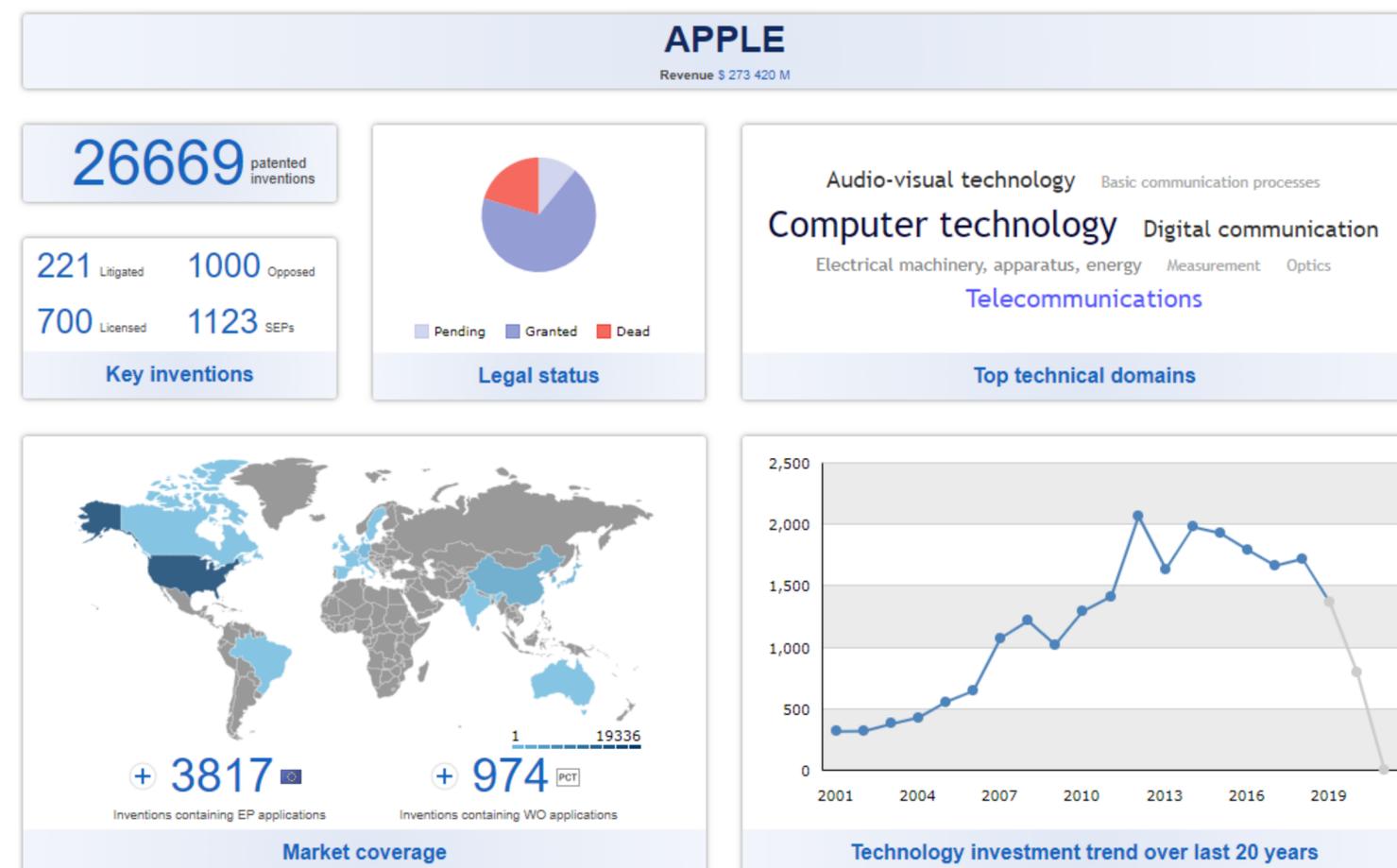


Модель распределения доходов городов

ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Orbit

Technology overview



ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Orbit

[Biblio](#) [Claims](#) [Description](#) [Key content](#) [Concepts](#) [Fulltext](#) [Kwic](#) [Legal status](#) [Citations](#)

Temporally-overlapped video encoding, video decoding and video rendering techniques therefor

Abstract

Techniques for video exchange are disclosed in which a video source sends redundant copies of video coded at a given presentation time. A decoder may determine, from metadata stored with a first decoded frame, whether other decoded frames have been designated as correlated to the first decoded frame. If so, the decoder may fetch other decoding frames using time indicator values of other decoded frames in metadata stored with the first decoded frame. When other decoded frame(s) are found, the decoder may blend content of the first coded frame and the other decoded frame(s). The decoder may render the blended frame. When one such coded frame is an intra-coded frame, the proposed technique may alleviate beating artifacts by blending recovered data of the intra-coded frame with recovered data of another frame, which may be inter-coded.

Protected countries
Pending: US

List of publications

| Application number | Date | Publication date |
|--|------------|------------------|
| US20210076054 A1 - Application published | 2019-09-05 | 2021-03-11 |

Inventor
GUO Mei
XIN Jun
SU Yeping
WU Hsi-Jung
TOURAPIS Alexandros

Applicant/Assignee
 APPLE | \$ 267 748 M

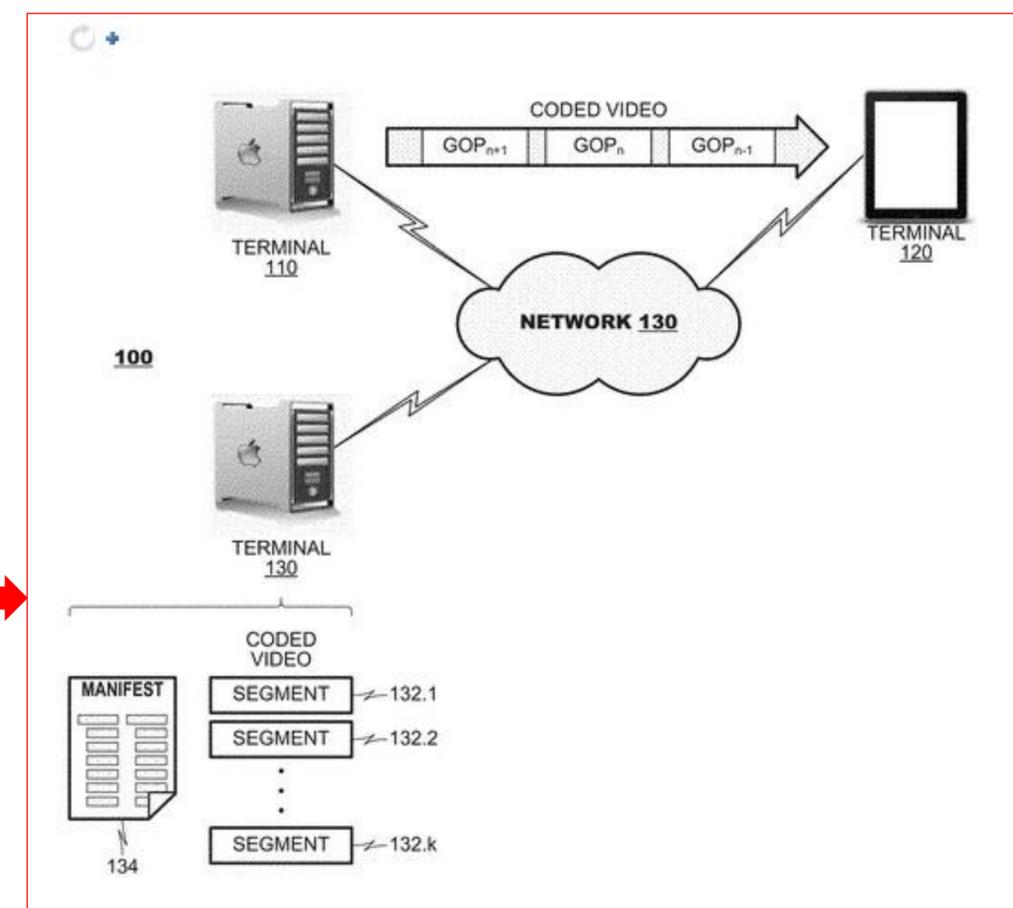
Priority Numbers & Dates
2019US-16561478 2019-09-05

Technology domain
Digital communication

IPC codes
H04N-019/159 H04N-019/172 H04N-019/177 H04N-019/44* H04N-019/46

CPC codes
H04N-019/159 H04N-019/172 H04N-019/177 H04N-019/44* H04N-019/46

Entry week in the collection
2021-10



ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

ARTstor Digital Library

Welcome to Artstor's public collections!

LOG IN to access the core collections.

ARTSTOR

Home Browse Share Support

Art and Multimedia
From Public Collections

Collection Type
Public Collections (164146)

Geography

- South America (21)
- Australia and Oceania (10)
- Europe (3987)
- Western Asia (2)
- Central America and the Caribbean (3)
- South-East Asia (4)
- East Asia (995)
- Africa North of Sahara (4)
- Central Asia (20)
- North America (142223)
- Sub-Saharan Africa (21)
- South Asia (1389)

Classification

- Graphic Design and Illustration (164146)
- Prints (1304)
- Humanities and Social Sciences (327)
- Manuscripts and Manuscript Illuminations (213)

* AND (artclassification_str:"Graphic Design ...") Search within results

Advanced Search

Sort: Relevance Images/page: 48 Select

164146 results for "* AND (artclassification_str:"Graphic Design and Illustration")" from Public Collections.

Leo Tolstoy The Cos...
Dillon, Leo and Diane

PUBLIC

Illustration
Dillon, Leo and Diane

PUBLIC

Kinney, Troy and Ma...

PUBLIC

Kinney, Troy and Ma...

PUBLIC

Fiction Illustration
Dillon, Leo and Diane

PUBLIC

[Augustus Frederick]
Perkins and Heath
1825

PUBLIC

The Bishop of Jamai...
Griffiths and Weigalls
[1825]

PUBLIC

[Duke of Sussex So...
Perkins and Heath
[1800]

PUBLIC

LEO TOLSTOY
THE COSSACKS
AND THE RAID

CD56 SIGNET CLASSICS 50¢

A SIGNET CLASSIC

ADD TO GROUP **DOWNLOAD**

CITE THIS ITEM **PRINT PREVIEW**

<https://library.artstor.org/public/SS7...> **COPY**

Item Details

PUBLIC

Creator
[Dillon, Leo and Diane](#)

Culture
Popular American Culture

Title
Leo Tolstoy The Cossacks and The Raid
Illustration

Work Type
Magazine tearsheet

Material
4 color print

Period
Commercial Modernism

Description
A battle scene of people riding on horses.

Repository
Modern Graphic History Library, Washington University in St. Louis

Accession Number
2012-03

Related Item

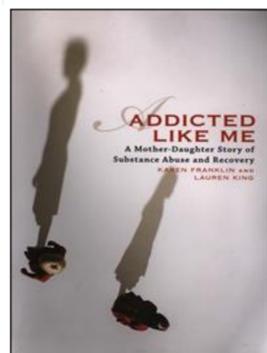
ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Counseling and Psychotherapy Transcripts

Table of Contents

Addicted Like Me: A Mother-Daughter Story of Substance Abuse and Recovery, by Karen Franklin and Lauren King. (Seal Press, Berkeley, CA, 2009), 279 p.

[hide metadata](#)



Author(s): Franklin, Karen, fl. 2009; King, Lauren, fl. 2009
Document type: Client Narrative
Subject: Ability >> Recovery
 Diagnosis >> Addiction >> Drug addiction
 Diagnosis >> Substance abuse (Drug abuse)
 Relationships >> Parent-child relationships
Publisher: Seal Press
Publication Year: 2009
Client Gender: Female
Client Marital Status: Married; Single
Client Sexual Orientation: Heterosexual
Copyright Statement: Copyright © 2009 by Karen Franklin and Lauren King

[\[FRONT MATTER\]](#)

[\[COVER\]](#)

[\[TITLE PAGE AND CREDITS\]](#)

[CONTENTS](#)

[INTRODUCTION](#)

[PART I: WATCHING MY ADDICTION CLAIM MY KIDS: A Mother's Story of Inherited Addiction and Abuse](#)

[Chapter 1: AN ADDICT'S LIFE](#)

[Chapter 2: A FAMILY HISTORY OF CRISIS](#)

[Chapter 3: OUR SPIRAL DOWN](#)

[Chapter 4: FALSE HOPE](#)

[Chapter 5: HEALING FROM THE BOTTOM UP](#)

[Chapter 6: LIFE WITH EARLY SOBRIETY](#)

[PART II: WATCHING MYSELF FALL: A Daughter's Story of Beating the Legacy of Addiction](#)

[Chapter 7: MY BEAST MY ADDICTION](#)

[Chapter 8: THE PROGRESSION OF THE DISEASE](#)

[Chapter 9: FROM BAD TO WORSE](#)

Search text within this book:

Counseling and Psychotherapy Transcripts: Volume II

Browse

All Transcripts
 Presenting Conditions
 Clinicians
 Therapeutic Approaches
 Subjects
 Psychotherapy Collections

Presenting Conditions

Anxiety (850)
 Sadness (407)
 Anger (375)
 Frustration (374)
 Low self-esteem (208)
 Depression (emotion) (147)
 Suicidal ideation (51)
 Fatigue (50)
 Confusion (42)
 Panic (38)
 More...

Clinicians

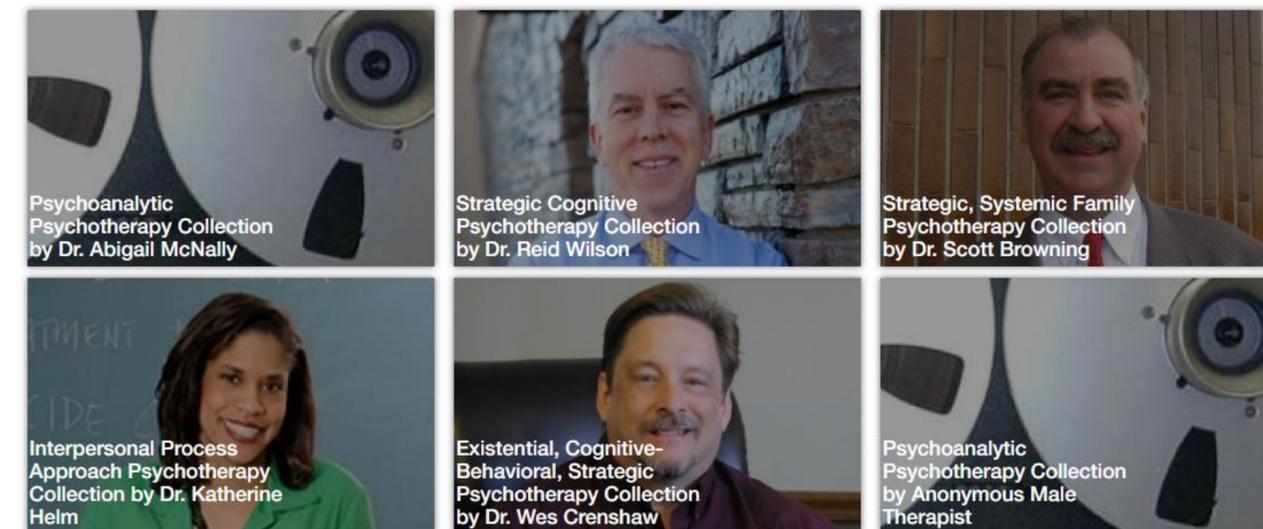
Anonymous (993)
 Feldman, Tamara, 1972- (313)
 McNally, Abigail, fl. 2012 (196)
 Bello, Caryn, 1974- (143)
 Helm, Katherine (27)
 Ellis, Debbie Joffe (15)
 Crenshaw, Wes, 1962- (10)
 Carlson, Jon, 1945-2017 (9)
 Wilson, Reid, fl. 1988 (7)
 Binder, Jeffrey, 1943- (4)
 Browning, Scott, fl. 1994-2017 (4)
 More...

Counseling and Psychotherapy Transcripts: Volume II *Counseling and Psychotherapy Transcripts, Volume II* provides a deep look into the client-therapist office, allowing readers to follow the progress and setbacks of clients over the course of multiple therapy sessions. This collection features a diverse set of clients, a wide range of presenting issues, and multiple therapeutic approaches. Because all content was recorded in 2012 or later, *Volume II* features contemporary issues and the most up-to-date therapeutic approaches to treat them. The collection is an outstanding resource for teaching and research and adheres to the American Psychological Association's Ethics Guidelines for use and anonymity. "*Counseling and Psychotherapy Transcripts is novel both in scale and scope. There is no other resource available that allows us access to so many therapy sessions. Seeing the actual words patients and therapists use helps us teach and explore diverse forms of psychotherapy. I have and will continue to use this valuable collection in my research and teaching.*" -- Zac Imel, University of Utah

Search inside this collection [Advanced Search](#)

Psychotherapy Collections

[Browse All Psychotherapy Collections](#)



- Psychoanalytic Psychotherapy Collection by Dr. Abigail McNally
- Strategic Cognitive Psychotherapy Collection by Dr. Reid Wilson
- Strategic, Systemic Family Psychotherapy Collection by Dr. Scott Browning
- Interpersonal Process Approach Psychotherapy Collection by Dr. Katherine Helm
- Existential, Cognitive-Behavioral, Strategic Psychotherapy Collection by Dr. Wes Crenshaw
- Psychoanalytic Psychotherapy Collection by Anonymous Male Therapist



ЭЛЕКТРОННЫЕ РЕСУРСЫ БИБЛИОТЕКИ НИУ ВШЭ

Доступ к энциклопедиям, словарям и справочникам

The New Palgrave Dictionary of Economics

2018 Edition | Editors: Macmillan Publishers Ltd

Oxford Art Online

Oxford Reference

OED

Oxford English Dictionary
The definitive record of the English language

OXFORD HANDBOOKS ONLINE

Scholarly Research Reviews

ДОСТУП К СПЕЦИАЛИЗИРОВАННЫМ БАЗАМ ДАННЫХ

Oxford Art Online

Grove Art Online

Field Medium Era Region Place Type Occupation

Grove Art Online Advanced search

Higher School of Economics **AUTOMATICALLY SIGNED IN**

Sign in to an additional subscriber account

Welcome to Grove® Art Online

- The foremost scholarly art encyclopedia, updated regularly and covering global art and architecture from prehistory to present day
- Includes peer-reviewed articles contributed by nearly 7,000 scholars from around the world, accompanied by images, bibliographies, and links to additional resources

[Learn more](#)

FEATURED

Zhao Zhigian



Chinese artist [Zhao Zhigian](#) specialized in plant life in his paintings, with images characterized by soft, detailed brushwork and brilliant, translucent colors.

FEATURED

Dunhuang



The cave sanctuaries near [Dunhuang](#), China, contain artwork representing over 1,000 years of Buddhist history, including a trove of medieval scroll paintings and manuscripts.

A'gave You



Wangechi Mutu: *A'gave You*, mixed media collage on mylar, 2.36×1.37 m, 2008 (East Hampton, NY, private collection); image courtesy of the artist and Susanne Vielmetter Los Angeles Projects, photographed by Robert Wedemeyer

ДОСТУП К ЭНЦИКЛОПЕДИЯМ, СЛОВАРЯМ И СПРАВОЧНИКАМ

New Palgrave Dictionary of Economics

The New Palgrave Dictionary of Economics

2018 Edition | Editors: Macmillan Publishers Ltd

Contents Search

Page 130 of 153

- S
- Slavery
- Slichter, Sumner Huber (1892–1959)
- Sliding Scales (Wages)
- Slutsky, Eugen (1880–1948)
- Small-World Networks
- Smart, William (1853–1915)
- Smith, Adam (1723–1790)
- Smith, Bruce D. (1954–2002)
- Smith, Vernon (Born 1927)
- Smithies, Arthur (1907–1981)
- Smuggling
- SNP: Nonparametric Time Series Analysis

Social Capital

Authors Authors and affiliations

Partha Dasgupta

Reference work entry

First Online: 15 February 2018

DOI: https://doi.org/10.1057/978-1-349-95189-5_2043

71 Downloads

Download entry PDF

Abstract

Social capital is an aggregate of interpersonal networks. Belonging to a network helps a person to coordinate his strategies with others. Where the state or the market is dysfunctional, communities enable people to survive, even if they do not enable them to live well. But communities often involve hierarchical social structures; and the theory of repeated games cautions us that communitarian relationships can involve allocations where some of the parties are worse off than they would have been if they had not been locked into the relationships. Even if no overt coercion is visible, such relationships could be exploitative.

Keywords

Caste system Civil society Common property resources Communitarian institutions Contract enforcement Cooperation Exploitation Human capital Interpersonal networks

Social Capital

Partha Dasgupta

Abstract

Social capital is an aggregate of interpersonal networks. Belonging to a network helps a person to coordinate his strategies with others. Where the state or the market is dysfunctional, communities enable people to survive, even if they do not enable them to live well. But communities often involve hierarchical social structures; and the theory of repeated games cautions us that communitarian relationships can involve allocations where some of the parties are worse off than they would have been if they had not been locked into the relationships. Even if no overt coercion is visible, such relationships could be exploitative.

Keywords

Caste system; Civil society; Common property resources; Communitarian institutions; Contract enforcement; Cooperation; Exploitation; Human capital; Interpersonal networks; Prisoner's Dilemma; Public goods; Reciprocity; Repeated games; Reputation; Rotating savings and credit associations; Social capital; Social norms; Total factor productivity; Trust

JEL Classifications

Z12

Definitions?

The idea of social capital sits awkwardly in contemporary economic thinking. Although it has a powerful, intuitive appeal, the object has proven hard to track as an economic good. One can argue (Arrow, 2000) that it is misleading to use the term 'capital' to refer to whatever it is that 'social capital' happens to be, because capital is usually

identified with tangible, durable and alienable objects (for example, buildings and machines), whose accumulation can be estimated and whose worth can be assessed. There is much to agree with this. But in regard to both heterogeneity and intangibility, social capital would seem to resemble knowledge and skills. So one can also argue that, since economists have not shied away from regarding knowledge and skills as forms of capital, we should not shy away in this case either.

In an early definition, social capital was identified with those 'features of social organization, such as trust, norms, and networks that can improve the efficiency of society by facilitating coordinated actions' (Putnam et al. 1993, p. 167). The characterization suffers from a weakness: it encourages us to amalgamate strikingly different objects, namely (and in that order), beliefs, behavioural rules, and such forms of capital assets as interpersonal links (or 'networks'), without establishing reasons why such an inclusive definition would prove useful in gaining an understanding of our social world. Subsequently, Putnam (2000, p. 19) suggested a redefinition: 'social capital refers to connections among individuals – social networks and the norms of reciprocity and trustworthiness that arise from them'. Since then authors have defined social capital even more inclusively, where attitudes towards others make their appearance as well: 'Social capital generally refers to trust, concern for one's associates, a willingness to live by the norms of one's community and to punish those who do not' (Bowles and Gintis 2002, p. F419).

These definitions tell us that 'social capital' is an ingredient in the workings of civil society (Putnam et al. 1993; Putnam 2000). In a parallel development, the theory and empirics of common-property resources in poor countries (for example, coastal fisheries, village tanks, local forests, pasture lands, and threshing grounds) have revealed the character of those local institutions that enable mutually beneficial courses of action to be undertaken within communities (Dasgupta and Heal 1979; Jodha 1986; Ostrom 1990; Dasgupta and Mäler 1991; Bromley 1992; Baland and Platteau 1996). Development economists have also studied rotating

12480

Social Capital

sustain an outcome where the time-average of the per-period payoff to a player is less than the payoff at the unique Nash equilibrium. That player would be worse off in a long-term relationship with the others than if the players were not in a long-term relationship. The social norm sustaining that outcome would be exploitative of the player.

Inequality is not the same as exploitation, which is why to demonstrate exploitation in an empirically satisfactory way will prove to be very hard: any such demonstration would involve comparison of an observable state of affairs with a counterfactual. However, some stark examples are suggestive. In Indian villages, access to local common-property resources is often restricted to the privileged (for example, caste Hindus), who are also among the more prosperous landowners. The outcasts (euphemistically called members of 'schedule castes') are among the poorest of the poor. Stark inequities exist, too, in patron-client relationships in agrarian societies, which make it very likely that the 'client' is worse off in consequence of that relationship than without it. Ogilvie (2003) has unearthed striking differences between the life chances of women in 17th-century Germany (embedded in dense networks) and the life chances of women in 17th-century England (not so embedded in dense networks): English women were better off.

Morals

Social capital is an aggregate of interpersonal networks. From the economic point of view, belonging to a network helps a person to coordinate his strategies with others. We should not prejudice the character of the strategies on which members of a network coordinate. As with any other form of capital asset, social capital can be put to good use or bad.

See Also

- Common Property Resources
- Cooperation

- Repeated Games
- Social Networks, Economic Relevance of
- Social Norms

Bibliography

- Arrow, K.J. 2000. Observations on social capital. In *Social capital: A multifaceted perspective*, ed. P. Dasgupta and I. Serageldin. Washington, DC: World Bank.
- Baland, J.-M., and J.-P. Platteau. 1996. *Halting degradation of natural resources: Is there a role for rural communities?* Oxford: Clarendon Press.
- Besley, T., S. Coate, and G. Loury. 1992. The economics of rotating savings and credit associations. *American Economic Review* 82: 782–810.
- Bowles, S., and H. Gintis. 2002. Social capital and community governance. *The Economic Journal* 112: F419–F436.
- Bromley, D.W. 1992. *Making the commons work: Theory, practice and policy*. San Francisco: Institute for Contemporary Studies.
- Burt, R.S. 1992. *Structural holes: The social structure of competition*. Cambridge, MA: Harvard University Press.
- Coleman, J.S. 1988. Social capital in the creation of human capital. *American Journal of Sociology* 94: 95–120.
- Dasgupta, P. 2000. Economic progress and the idea of social capital. In *Social capital: A multifaceted perspective*, ed. P. Dasgupta and I. Serageldin. Washington, DC: World Bank.
- Dasgupta, P. 2005. Common property resources: Economic analytics. *Economic and Political Weekly* 40: 1610–1622.
- Dasgupta, P., and G. Heal. 1979. *Economic theory and exhaustible resources*. Cambridge: Cambridge University Press.
- Dasgupta, P., and Mäler, K.-G. 1991. The environment and emerging development issues. In *Proceedings of the annual World Bank conference on development economics*, 1990. Washington, DC: World Bank.
- Fudenberg, D., and E. Maskin. 1986. The folk theorem in repeated games with discounting or with incomplete information. *Econometrica* 54: 533–556.
- Grootaert, C., and T. van Bastelaer. 2002. *The role of social capital in development: An empirical assessment*. Cambridge: Cambridge University Press.
- Jodha, N.S. 1986. Common property resources and the rural poor. *Economic and Political Weekly* 21: 1169–1181.
- McKean, M. 1992. Success on the commons: A comparative examination of institutions for common property resource management. *Journal of Theoretical Politics* 4: 256–268.
- Narayan, D., and L. Pritchett. 1999. Cents and sociability: Household income and social capital in rural Tanzania. *Economic Development and Cultural Change* 47: 871–889.

ДОСТУП К ЭНЦИКЛОПЕДИЯМ, СЛОВАРЯМ И СПРАВОЧНИКАМ

Oxford Handbooks

- The New Oxford Handbook of Economic Geography**

Gordon L. Clark, Maryann P. Feldman, Meric S. Gertler, and Dariusz Wójcik (eds)

Print publication date: Jan 2018 Subject: [Economics and Finance](#)

Online publication date: Feb 2018

The New Oxford Handbook of Economic Geography is the most comprehensive and significant statement about the value and potential of economic geography in 2017. Sixty-six leading economists ... [More](#)
- The Oxford Handbook of Adam Smith**

Christopher J. Berry, Maria Pia Paganelli, and Craig Smith (eds)

Print publication date: May 2013 Subject: [Economics and Finance](#)

Online publication date: Jul 2013

Adam Smith (1723–90) is best known as the author of the (1776). Although this book remains one of the great works in the history of economics, Smith was a multi-faceted thinker. He wrote an ... [More](#)
- The Oxford Handbook of Africa and Economics: Volume 2: Policies and Practices**

Célestin Monga and Justin Yifu Lin (eds)

Print publication date: Jul 2015 Subject: [Economics and Finance](#)

Online publication date: Sep 2014

This volume, the second of the Oxford Handbook of Africa and Economics, aims at reassessing the economic policies and practices observed across the continent since independence. It offers a ... [More](#)
- The Oxford Handbook of Africa and Economics: Volume 1: Context and Concepts**

Célestin Monga and Justin Yifu Lin (eds)

Print publication date: Jul 2015 Subject: [Economics and Finance](#)

Online publication date: Oct 2015

This handbook (the first of two volumes) opens up the diverse acuity of commentary on exciting topics, and in the process challenges and stimulates the quest for knowledge. Wide-ranging in ... [More](#)
- The Oxford Handbook of Applied Nonparametric and Semiparametric Econometrics and Statistics**

Jeffrey S. Racine, Liangjun Su, and Aman Ullah (eds)

Print publication date: Feb 2014 Subject: [Economics and Finance](#)

Online publication date: Aug 2014

This volume, edited by Jeffrey Racine, Liangjun Su, and Aman Ullah, contains the latest research on nonparametric and semiparametric econometrics and statistics. These data-driven models ... [More](#)

The Oxford Handbook of Adam Smith

Edited by Christopher J. Berry, Maria Pia Paganelli, and Craig Smith

Keywords: [Adam Smith](#), [economics](#), [moral sentiments](#), [sympathy](#), [history](#), [criticism](#), [social science](#)

Bibliographic Information

Print Publication Date: May 2013 ISBN: 9780199605064

Published online: Jul 2013 DOI: 10.1093/oxfordhb/9780199605064.001.0001

[Find Print Edition in Library](#)

EDITORS

Christopher J. Berry, *editor*

Christopher J. Berry is Professor (Emeritus) of Political Theory and Honorary

Adam Smith: A Biographer's Reflections

Nicholas Phillipson

[The Oxford Handbook of Adam Smith](#)

Edited by Christopher J. Berry, Maria Pia Paganelli, and Craig Smith

Print Publication Date: May 2013 Subject: [Economics and Finance](#), [Economic History](#) Online Publication Date: Jul 2013

DOI: 10.1093/oxfordhb/9780199605064.013.0002

[View PDF](#) Go to page: [GO](#)

Higher School of Economics AUTOMATICALLY SIGNED IN

[Sign in to an additional subscriber account](#)

Search within...

Subject(s) in Oxford Handbooks Online

[Economics and Finance](#)

Contents

- [\[+\] Front Matter](#)
- [Introduction: Adam Smith: An Outline of Life, Times, and Legacy](#)
Christopher J. Berry
- [\[-\] Adam Smith: Heritage and Contemporaries](#)
 - [Adam Smith: A Biographer's Reflections](#)
 - Nicholas Phillipson
 - [Newtonianism and Adam Smith](#)
Leonidas Montes
 - [Adam Smith and Rousseau: Enlightenment and Counter-Enlightenment](#)
Dennis C. Rasmussen
 - [Adam Smith and Early-Modern Thought](#)
Christopher J. Berry
- [\[+\] Adam Smith on Language, Art, and Culture](#)

[+] Abstract and Keywords

Adam Smith's formal legacy to posterity consisted of meticulously revised editions of his two published works, and ; long-standing plans for treatises on Jurisprudence, Rhetoric, and the Fine Arts were abandoned on the grounds that there was no time to complete them. This chapter discusses Smith as component parts of an unrealized plan to develop a Science of Man on experimental principles. Smith's introduction to this as a student is explored and the influence of Hutcheson and Hume is emphasized as is the fact that Smith developed both the published and unpublished components of his Science of Man simultaneously. The question of the meaning Smith attached to 'science' is a continuing theme of the chapter.

Keywords: [Adam Smith](#), [Hutcheson](#), [Hume](#), [science of man](#)

Adam Smith is often seen as an unrewarding subject for biography. Dugald Stewart, his first and greatest biographer, saw him as a quiet, unassuming man who led a relatively uneventful life and preferred the peace and quiet of his native Kirkcaldy and the company of old friends to the bustle of Glasgow, Edinburgh, or London. We know him now as a notoriously poor correspondent who valued his privacy, who deplored the current fashion for biographical tittle-tattle and who, at the end of his life, made an archival bonfire of most of his private papers and unfinished texts in an attempt to preserve his biographical privacy. For Smith was a philosopher who believed that a writer should be remembered for his works rather than his life, and for works that were finished, published and polished rather than for those which were incomplete and had yet to reach the public. It was for this reason that he reluctantly abandoned ambitious plans for new treatises on government, philosophy and the fine arts and spent his last years polishing and perfecting the texts of his two great published masterpieces, the *Theory of Moral Sentiments* and *The Wealth of Nations*. As he told his

ДОСТУП К ЭНЦИКЛОПЕДИЯМ, СЛОВАРЯМ И СПРАВОЧНИКАМ

Oxford Reference Online Premium

Oxford
DICTIONARY OF
Economics

A Dictionary of Economics (5 ed.) 🔒

Nigar Hashimzade, Gareth Myles, and John Black
Previous Edition (4 ed.)

Over 3,500 entries

This authoritative and comprehensive dictionary contains clear, concise definitions of key economic terms. Covering all aspects of economics including economic theory and policy, applied microeconomics and macroeconomics, labour economics, public economics and public finance, monetary economics, and environmental economics, this is the essential reference work in this area.

Entries are supplemented by entry-level web links, and useful appendices include a list of institutional acronyms and their affiliated websites, a list of Nobel prize-winners in economics, the Greek a ... [More](#)

Nigar Hashimzade, author
Gareth Myles, author
John Black, author

John Black worked on previous editions of this dictionary and was a Fellow and Tutor in Economics at Merton College, Oxford, and then Professor of Economic Theory at the [More](#)

BIBLIOGRAPHIC INFORMATION

| | |
|------------------------------------|---|
| Publisher: Oxford University Press | Print Publication Date: 2017 |
| Print ISBN-13: 9780198759430 | Published online: 2017 |
| Current Online Version: 2017 | DOI: 10.1093/acref/9780198759430.001.0001 |
| eISBN: 9780191819940 | |

Oxford
DICTIONARY OF
Finance & Banking

A Dictionary of Finance and Banking (6 ed.) 🔒

Jonathan Law
Over 5,500 entries

The sixth edition of this bestselling dictionary has been fully revised and updated to take into account the ever-developing financial landscape of the last five years. This comprehensive A-Z defines terms from all aspects of personal and international finance, including money markets, private investments and borrowing, central banking, foreign exchanges, monetary policy, and public and government finance. Now with expanded international coverage to reflect the ongoing globalization of financial markets and rapidly developing areas in finance and banking, with new entries ... [More](#)

BIBLIOGRAPHIC INFORMATION

| | |
|------------------------------------|---|
| Publisher: Oxford University Press | Print Publication Date: 2018 |
| Print ISBN-13: 9780198789741 | Published online: 2018 |
| Current Online Version: 2018 | DOI: 10.1093/acref/9780198789741.001.0001 |
| eISBN: 9780191831430 | |

Higher School of Economics AUTOMATICALLY SIGNED IN

Sign in to an additional subscriber account

Search within work

Subject(s) in Oxford Reference

- Economics
- Social sciences

Publishing Information

ALL CONTENTS | ENTRIES

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Items per page: 20 Starting with: Go Page 1 2 3 4 5 6 7 8 9 10 11 ... 180 181

1992

A-share

AAA rating 🔒

abatement

AAA rating 🔒

See [TRIPLE-A RATING](#).

triple-A rating 🔒

The highest grading available from credit rating agencies. A triple-A rating (AAA) means that delay or default in payments of principal or interest on the security concerned is regarded as extremely unlikely. Any institution with a triple-A rating on its securities can borrow easily and on favourable terms.

ДОСТУП К ЭНЦИКЛОПЕДИЯМ, СЛОВАРЯМ И СПРАВОЧНИКАМ

Oxford English Dictionary

furlough, *n.*

Text size: **A**View as: [Outline](#) | [Full entry](#)Quotations: [Show all](#) | [Hide all](#) | [Keywords: On](#) |**Pronunciation:** [ⓘ] Brit. /'fɜːləʊ/, U.S. /'fɜːr,lou/**Forms:** ... [\(Show More\)](#)**Frequency (in current use):** ●●●●●●●●**Origin:** A borrowing from Dutch. **Etymon:** Dutch *verlof*.**Etymology:** < Dutch *verlof* exemption from service, permission, permit (Middle Dutch (rare) *verlof* permission to leave, dismissal), probably < Middle Low German *vorlōf* permission to leave, dismissal, a deverbal derivative < *vorlōven* to permit, allow, especially to leave, probably an alteration (with prefix substitution: see *vor-* *FOR-* *prefix*) of *erlōven*, in the same sense (see note).Compare also (< Middle Low German *vorlōf*) late Old Swedish *förloff* (Swedish *förlov*) and early modern Danish *forloff* (Danish *forlov*), and also (probably modelled on the Middle Low German word) German *Verlaub* (16th cent.), all in the sense 'permission'.Middle Low German *erlōven* is cognate with Old English *ārlēfan*, Old High German *irloben* (Middle High German *erloben*, German *erlauben*), Gothic *uslaubjan*, all in the sense 'to permit' < the Germanic base of *OR-* *prefix* (compare *A-* *prefix*) + the Germanic base of *LEVE* *v.* (compare *LEAVE* *n.*).*Form history.*The *β* forms apparently arose by analogy with words showing variation between *-of* and *-ow*, compare e.g. the forms *thof* and *thow* at *THOUGH* *adv.*, *conj.*, and *n.*; spellings in *-ough*, *-ogh* are purely analogical.With the stress pattern of the English word perhaps compare the synonymous Dutch *oorlof* (with stress on the first syllable).[\(Show Less\)](#)

3. Originally *U.S.* Dismissal or suspension from employment, usually due to economic conditions; unplanned (and typically unpaid and involuntary) leave; the period of such suspension or leave. Also: an instance of this.

[Categories »](#)Chiefly *U.S.* until use of the term became more widespread in March 2020 when the U.K. government introduced a furlough scheme in response to the Covid-19 pandemic, under which the government gave grants to employers to pay part of the wages of employees left without work, or unable to work, as a result of the crisis.

- 1867 *Bangor (Maine) Daily Whig & Courier* 9 Jan. In all of the frequent 'furloughs'—as the discharges of the soldiers are called—four-fifths of the unfortunates are soldiers...There were furloughed twenty-three printers, of whom nineteen were soldiers.
- 1883 *Harrison (Arkansas) Times* 21 July The Government printing office...has been so skillfully managed by Mr. Rounds that no furlough will be required during the fiscal year.
- 1940 *Washington Post* (Electronic ed.) 3 Jan. 24/4 Even though they are masked under the euphonious name of 'furloughs', the dismissals are actual enough.
- 1989 *United Press Internat. Newswire* (Nexis) 16 Oct. (Washington News section) If the cuts become permanent, they could mean a furlough of two or three weeks for many meat inspectors.
- 2020 *Austral. Financial Rev.* (Nexis) 17 Apr. 30 EY told its 17,000 UK staff on Wednesday...that partners' pay would be cut by 20 per cent, and said it would 'do everything possible' to navigate the coronavirus crisis without redundancies, furloughs or reducing employee salaries.

lockdown, *n.*

Text size: **A**View as: [Outline](#) | [Full entry](#)Quotations: [Show all](#) | [Hide all](#) | [Keywords: On](#) |**Pronunciation:** [ⓘ] Brit. /'lɒkdaʊn/, U.S. /'lɑk,daʊn/**Frequency (in current use):** ●●●●●●●●**Origin:** Formed within English, by compounding. **Etymons:** *LOCK* *v.*, *DOWN* *adv.***Etymology:** < *LOCK* *v.* + *DOWN* *adv.*In sense 2 after *to lock down* at *LOCK* *v.* Phrasal verbs 1.Originally *North American*.

1. Originally: a piece of wood used in the construction of rafts when transporting timber downriver, consisting of a strip or branch bent around the horizontal poles and secured into holes in the logs. Later: a peg, pin, or similar device used to fasten something in place.

[Thesaurus »](#)
[Categories »](#)

- 1832 *Private & Special Acts Maine* (12th Legislature) 450 That it shall be the duty of said corporation to raft all lumber in said boom without any unnecessary delay, securely and faithfully with suitable poles and lock-downs.
- 1895 *Davenport (Iowa) Weekly Leader* 14 Aug. 1/13 Poles...to which each log was fastened by wooden pegs and lock-downs.
- 1958 *Oshkosh (Wisconsin) Daily Northwestern* 10 July 11/2 The poles were held down by bent oak pins called lockdowns.
- 1981 *Oil & Gas Jnl.* (Nexis) 21 Sept. 205 Other features include 360 degrees serrated locking swivel base with double lockdowns.
- 2012 J. H. WRIGHT *Blazing Ice* vii. 106 Three pineapple lockdowns on our container sleds broke. These were nearly indestructible devices that tie the container van to the sled base.

b. More generally: a state of isolation, containment, or restricted access, usually instituted for security purposes or as a public health measure; the imposition of this state.

[Thesaurus »](#)
[Categories »](#)

- 1984 *United Press Internat. Newswire* (Nexis) 14 Dec. They instituted a 'security lockdown' at the PUREX plant Monday when a can containing..plutonium sludge was found to be missing.
- 2002 *Quill* (Nexis) 1 May 34 We heard the city was on lockdown and that it wasn't possible to get in.
- 2005 *Courier-Mail (Brisbane)* 3 May 3/5 Contestants go into lockdown tomorrow isolated from the outside world as they prepare to enter the Big Brother house on Sunday.
- 2020 *Maldon & Burnham Standard* (Nexis) 21 June It's been nearly three months since the lockdown was officially imposed in the UK to slow the spread of the coronavirus.

PUBLICATION FINDER: СВОДНЫЙ КАТАЛОГ ЭЛЕКТРОННЫХ ИЗДАНИЙ

Представлены все англоязычные электронных издания и книги, входящие в подписку НИУ ВШЭ

Поиск по наименованию источника, ISBN/ISSN

Searching: Library Publications

1. Поиск осуществляется по названию журнала или книги, предмету или ISSN/ISBN
2. Предоставляются полные тексты документов
3. Представлены все англоязычные базы данных, в которых имеются издания по подписке НИУ ВШЭ

PUBLICATION FINDER: СВОДНЫЙ КАТАЛОГ ЭЛЕКТРОННЫХ ИЗДАНИЙ

Представлены все англоязычные электронных издания и книги, входящие в подписку НИУ ВШЭ

The screenshot displays the Oxford Academic search interface. On the left, the 'Full Text Finder' search bar contains the text 'The Quarterly Journal of Economics'. Below it, the 'Refine Results' section shows 'Current Search' and 'Limit your results' options. The main search results area lists '1. The Quarterly Journal of Economics' with its ISSN (0033-5533, 1531-4650) and a list of full-text access providers: Business Source Ultimate, Gale General OneFile, JSTOR Arts & Sciences I Archive Collection, Oxford Journals Archive, and Oxford University Press. A red arrow points from the Oxford University Press entry to the journal's page. The journal page shows 'Volume 136, Issue 1, February 2021' and lists articles, including 'Health Insurance and Mortality: Experimental Evidence from Taxpayer Outreach' by Jacob Goldin, Ithai Z. Lurie, and Janet McCubbin. A red arrow points from the article title to the right-hand page. The right-hand page shows the journal's title, volume, issue, and a list of authors for the featured article. A red arrow points from the authors' names to the article's abstract on the journal page.

Представлены базы и период в которых имеются полные тексты изданий: 1886-2021

[Скачать презентацию](#)

EBSCO DISCOVERY SERVICE: ПОИСК ПО ВСЕЙ ЭЛЕКТРОННОЙ ПОДПИСКЕ

Представлены все англоязычные издания, входящие в подписку НИУ ВШЭ

Многоаспектный поиск

Уточнение поиска

Higher School of Economics Library

Searching: HSE electronic resources

Поиск

Выбрать поле (необязательно) *

AND

Очистить ?

Базовый поиск Расширенный поиск История поиска

Параметры поиска

Сброс

Режимы и расширители поиска

Режимы поиска ?

- Логический оператор/Фраза
- Найти все искомые термины
- Найти любой из терминов для поиска
- Поиск SmartText [Совет](#)

Использовать соответствующие слова

Также вести поиск в тексте статей

Применять эквивалентные дисциплины

Ограничить результаты

Полный текст

Рецензируемое научное издание

Название журнала

Название рецензируемой книги

Автор

Дата публикации

Месяц Год — Месяц Год

Место

- Черно-белая фотография
- Цветная фотография
- График
- Карта
- Схема
- Диаграмма
- Иллюстрации

Имеется в библиотечной коллекции



НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ
УНИВЕРСИТЕТ

library.hse.ru

E-mail.: aofedorov@hse.ru

Адрес: г.Москва, Покровский бульвар, 11 каб. R116