

Algorithms And Collusion Competition In The Digital Age

If you ally compulsion such a referred **Algorithms And Collusion Competition In The Digital Age** ebook that will manage to pay for you worth, get the enormously best seller from us currently from several preferred authors. If you desire to witty books, lots of novels, tale, jokes, and more fictions collections are along with launched, from best seller to one of the most current released.

You may not be perplexed to enjoy every ebook collections Algorithms And Collusion Competition In The Digital Age that we will entirely offer. It is not approximately the costs. Its not quite what you obsession currently. This Algorithms And Collusion Competition In The Digital Age , as one of the most in action sellers here will categorically be in the midst of the best options to review.

[Research Handbook on Methods and Models of Competition Law](#) - Deborah Healey 2020-11-27
This comprehensive Handbook illuminates the objectives and economics behind competition law. It takes a global comparative approach to

explore competition law and policy in a range of jurisdictions with differing political economies, legal systems and stages of development. A set of expert international contributors examine the operation and enforcement of competition law

around the world in order to globalize discussions surrounding the foundational issues of this topic. In doing so, they not only reveal the range of approaches to competition law, but also identify certain basic economic concepts and types of anticompetitive conduct that are at the core of competition law.

The Evolution of Antitrust in the Digital Era - Allan Fels 2020-10-10

This collection of essays represents the first in a series of two volumes that set out to reflect the state of the art of antitrust thinking in digital markets in jurisdictions around the world. The issues it tackles are many: the role of innovation, the conundrum of big data, the evolution of media markets, and the question of whether existing antitrust tools are sufficient to deal with the challenges of digital markets. Each author tackles the overarching themes from their unique national perspective. The resulting tapestry reflects the challenges and opportunities presented by the modern digital

era, viewed through the lens of competition enforcement.

Regulation of Innovative Technologies - Rosario Girasa 2022-07-19

This book explores the regulation of emerging technologies. Developments such as bitcoin (based on blockchain technology), artificial intelligence, quantum computing, and other technical advances have the potential to revolutionize many aspects of everyday life. As with other significant occurrences, especially when coupled by financial rewards, there are the inevitable attempts to reap gains unlawfully. This book examines the legal and regulatory enactments that attempt to undermine the risks to society as well as the dangers to individual freedoms that the technologies present when abused by governmental and non-governmental authorities. Included are discussions of the dangers to the right of privacy posed by facial recognition, physical location tracking, automated license plate recognition (ALPR) and

other evolving applications of technology. This book is an invaluable resource for those interested in the regulation of emerging technologies particularly as they relate to blockchain, artificial intelligence, and the most current advances in quantum computing. Emphasis is focused on invasion of privacy, particularly by government authorities, antitrust implications of private companies and the efforts of international entities to counter alleged abuses by them.

An Introductory Guide to Artificial Intelligence for Legal Professionals - Juan Pavón 2020-05-14

The availability of very large data sets and the increase in computing power to process them has led to a renewed intensity in corporate and governmental use of Artificial Intelligence (AI) technologies. This groundbreaking book, the first devoted entirely to the growing presence of AI in the legal profession, responds to the necessity of building up a discipline that due to

its novelty requires the pooling of knowledge and experiences of well-respected experts in the AI field, taking into account the impact of AI on the law and legal practice. Essays by internationally known expert authors introduce the essentials of AI in a straightforward and intelligible style, offering jurists as many practical examples and business cases as possible so that they are able to understand the real application of this technology and its impact on their jobs and lives. Elements of the analysis include the following: crucial terms: natural language processing, machine learning and deep learning; regulations in force in major jurisdictions; ethical and social issues; labour and employment issues, including the impact that robots have on employment; prediction of outcome in the legal field (judicial proceedings, patent granting, etc.); massive analysis of documents and identification of patterns from which to derive conclusions; AI and taxation; issues of competition and intellectual property;

liability and responsibility of intelligent systems; AI and cybersecurity; AI and data protection; impact on state tax revenues; use of autonomous killer robots in the military; challenges related to privacy; the need to embrace transparency and sustainability; pressure brought by clients on prices; minority languages and AI; danger that the existing gap between large and small businesses will further increase; how to avoid algorithmic biases when AI decides; AI application to due diligence; AI and non-disclosure agreements; and the role of chatbots. Interviews with pioneers in the field are included, so readers get insights into the issues that people are dealing with in day-to-day actualities. Whether conceiving AI as a transformative technology of the labour market and training or an economic and business sector in need of legal advice, this introduction to AI will help practitioners in tax law, labour law, competition law and intellectual property law understand what AI is, what it serves, what is

the state of the art and the potential of this technology, how they can benefit from its advantages and what are the risks it presents. As the global economy continues to suffer the repercussions of a framework that was previously fundamentally self-regulatory, policymakers will recognize the urgent need to formulate rules to properly manage the future of AI.

OECD Studies on SMEs and Entrepreneurship The Digital

Transformation of SMEs - OECD 2021-02-03

Despite potentially tremendous benefits, small and medium-sized enterprises (SMEs) lag in the digital transformation. Emerging technologies, as diverse as they are, offer a range of applications for them to improve performance and overcome the size-related limitations they face in doing business. However, SMEs must be better prepared, and stakes are high. SMEs make the most of the industrial fabric in many countries and regions, they create jobs (most

jobs sometimes) and are the cement of inclusive and sustainable societies.

The Algorithmic Code of Ethics - Jerome Beranger 2018-12-18

The technical progress illustrated by the development of Artificial Intelligence (AI), Big Data technologies, the Internet of Things (IoT), online platforms, NBICs, autonomous expert systems, and the Blockchain let appear the possibility of a new world and the emergence of a fourth industrial revolution centered around digital data. Therefore, the advent of digital and its omnipresence in our modern society create a growing need to lay ethical benchmarks against this new religion of data, the "dataisme".

Latin American Economic Outlook 2020 Digital Transformation for Building Back Better - OECD 2020-09-24

The Latin American Economic Outlook (LEO) 2020 focuses on the role of digital transformation in helping to navigate through challenging times. The Covid-19 pandemic is

having a profound impact on socio-economic conditions, accentuating the already complex scenario faced by a region with significant structural weaknesses. This unprecedented crisis comes at a time of high aspirations and reinforces the need to transform the very foundations of the development model in the region.

Regulating Blockchain - Philipp Hacker 2019-08-01

Less than a decade after the Financial Crisis, we are witnessing the fast emergence of a new financial order driven by three different, yet interconnected, dynamics: first, the rapid application of technology - such as big data, machine learning, and distributed computing - to banking, lending, and investing, in particular with the emergence of virtual currencies and digital finance; second, a disintermediation fuelled by the rise of peer-to-peer lending platforms and crowd investment which challenge the traditional banking model and may, over

time, lead to a transformation of the way both retail and corporate customers bank; and, third, a tendency of de-bureaucratisation under which new platforms and technologies challenge established organisational patterns that regulate finance and manage the money supply. These changes are to a significant degree driven by the development of blockchain technology. The aim of this book is to understand the technological and business potential of the blockchain technology and to reflect on its legal challenges. The book mainly focuses on the challenges blockchain technology has so far faced in its first application in the areas of virtual money and finance, as well as those that it will inevitably face (and is partially already facing, as the SEC Investigative Report of June 2017 and an ongoing SEC securities fraud investigation show) as its domain of application expands in other fields of economic activity such as smart contracts and initial coin offerings. The book provides an unparalleled critical analysis of the

disruptive potential of this technology for the economy and the legal system and contributes to current thinking on the role of law in harvesting and shaping innovation.

Contracting and Contract Law in the Age of Artificial Intelligence - Martin Ebers 2022-06-30

This book provides original, diverse, and timely insights into the nature, scope, and implications of Artificial Intelligence (AI), especially machine learning and natural language processing, in relation to contracting practices and contract law. The chapters feature unique, critical, and in-depth analysis of a range of topical issues, including how the use of AI in contracting affects key principles of contract law (from formation to remedies), the implications for autonomy, consent, and information asymmetries in contracting, and how AI is shaping contracting practices and the laws relating to specific types of contracts and sectors. The contributors represent an interdisciplinary team of lawyers, computer

scientists, economists, political scientists, and linguists from academia, legal practice, policy, and the technology sector. The chapters not only engage with salient theories from different disciplines, but also examine current and potential real-world applications and implications of AI in contracting and explore feasible legal, policy, and technological responses to address the challenges presented by AI in this field. The book covers major common and civil law jurisdictions, including the EU, Italy, Germany, UK, US, and China. It should be read by anyone interested in the complex and fast-evolving relationship between AI, contract law, and related areas of law such as business, commercial, consumer, competition, and data protection laws.

EU Competition Law - Alison Jones 2019-09

The essential guide to EU competition law for students in one volume; extracts from key cases, academic works, and legislation are paired with incisive critique and commentary from an expert

author team. In this fast-paced subject area, the authors carefully highlight the most important cases, legislation, and developments to allow students to navigate the breadth of legislation and case law. With their clear explanations and commentary, the authors provide invaluable support to students as they approach this complex and highly technical area of law.

Extracts provide opportunities for students to understand the law in practice, and to see its relevance to business. Indispensable for undergraduate and postgraduate students alike, this is the standalone guide to the competition law of the EU. Online resources: The text is accompanied by online resources containing: -An additional chapter on State Aid -Web links - Updates in the law

Virtual Competition - Ariel Ezrachi 2016-11-14

Ariel Ezrachi and Maurice Stucke take a hard look at today's app-assisted paradise of digital shopping. The algorithms and data-crunching that make online purchasing so convenient are

also changing the nature of the market by shifting power into the hands of the few, with risks to competition, our democratic ideals, and our overall well-being.

Investigation Of Competition In Digital Markets -
United States Congress 2020-10-06

In June 2019, the Committee on the Judiciary initiated a bipartisan investigation into the state of competition online, spearheaded by the Subcommittee on Antitrust, Commercial and Administrative Law. As part of a top-to-bottom review of the market, the Subcommittee examined the dominance of Amazon, Apple, Facebook, and Google, and their business practices to determine how their power affects our economy and our democracy. Additionally, the Subcommittee performed a review of existing antitrust laws, competition policies, and current enforcement levels to assess whether they are adequate to address market power and anticompetitive conduct in digital markets. Over the course of our investigation, we collected

extensive evidence from these companies as well as from third parties totaling nearly 1.3 million documents. We held seven hearings to review the effects of market power online including on the free and diverse press, innovation, and privacy and a final hearing to examine potential solutions to concerns identified during the investigation and to inform this Report's recommendations. A year after initiating the investigation, we received testimony from the Chief Executive Officers of the investigated companies: Jeff Bezos, Tim Cook, Mark Zuckerberg, and Sundar Pichai. For nearly six hours, we pressed for answers about their business practices, including about evidence concerning the extent to which they have exploited, entrenched, and expanded their power over digital markets in anticompetitive and abusive ways. Their answers were often evasive and non-responsive, raising fresh questions about whether they believe they are beyond the reach of democratic oversight.

Although these four corporations differ in important ways, studying their business practices has revealed common problems

Research Handbook on the Law of Artificial Intelligence - Woodrow Barfield 2018-12-28

The field of artificial intelligence (AI) has made tremendous advances in the last two decades, but as smart as AI is now, it is getting smarter and becoming more autonomous. This raises a host of challenges to current legal doctrine, including whether AI/algorithms should count as 'speech', whether AI should be regulated under antitrust and criminal law statutes, and whether AI should be considered as an agent under agency law or be held responsible for injuries under tort law. This book contains chapters from US and international law scholars on the role of law in an age of increasingly smart AI, addressing these and other issues that are critical to the evolution of the field.

An Introduction to Online Platforms and Their Role in the Digital Transformation - OECD

2019-05-13

This report contains detailed profiles of twelve of the world's leading platform companies and derives insights from those profiles about what platforms actually do, how they do it, and why they succeed financially.

Legal Challenges of Big Data - Joe Cannataci
2020-09-25

This groundbreaking book explores the new legal and economic challenges triggered by big data, and analyses the interactions among and between intellectual property, competition law, free speech, privacy and other fundamental rights vis-à-vis big data analysis and algorithms.

The Economics of Artificial Intelligence - Ajay Agrawal 2019-05-22

Advances in artificial intelligence (AI) highlight the potential of this technology to affect productivity, growth, inequality, market power, innovation, and employment. This volume seeks to set the agenda for economic research on the impact of AI. It covers four broad themes: AI as a

general purpose technology; the relationships between AI, growth, jobs, and inequality; regulatory responses to changes brought on by AI; and the effects of AI on the way economic research is conducted. It explores the economic influence of machine learning, the branch of computational statistics that has driven much of the recent excitement around AI, as well as the economic impact of robotics and automation and the potential economic consequences of a still-hypothetical artificial general intelligence. The volume provides frameworks for understanding the economic impact of AI and identifies a number of open research questions.

Contributors: Daron Acemoglu, Massachusetts Institute of Technology Philippe Aghion, Collège de France Ajay Agrawal, University of Toronto Susan Athey, Stanford University James Bessen, Boston University School of Law Erik Brynjolfsson, MIT Sloan School of Management Colin F. Camerer, California Institute of Technology Judith Chevalier, Yale School of

Management Iain M. Cockburn, Boston University Tyler Cowen, George Mason University Jason Furman, Harvard Kennedy School Patrick Francois, University of British Columbia Alberto Galasso, University of Toronto Joshua Gans, University of Toronto Avi Goldfarb, University of Toronto Austan Goolsbee, University of Chicago Booth School of Business Rebecca Henderson, Harvard Business School Ginger Zhe Jin, University of Maryland Benjamin F. Jones, Northwestern University Charles I. Jones, Stanford University Daniel Kahneman, Princeton University Anton Korinek, Johns Hopkins University Mara Lederman, University of Toronto Hong Luo, Harvard Business School John McHale, National University of Ireland Paul R. Milgrom, Stanford University Matthew Mitchell, University of Toronto Alexander Oettl, Georgia Institute of Technology Andrea Prat, Columbia Business School Manav Raj, New York University Pascual Restrepo, Boston University Daniel Rock, MIT Sloan School of Management

Jeffrey D. Sachs, Columbia University Robert Seamans, New York University Scott Stern, MIT Sloan School of Management Betsey Stevenson, University of Michigan Joseph E. Stiglitz, Columbia University Chad Syverson, University of Chicago Booth School of Business Matt Taddy, University of Chicago Booth School of Business Steven Tadelis, University of California, Berkeley Manuel Trajtenberg, Tel Aviv University Daniel Trefler, University of Toronto Catherine Tucker, MIT Sloan School of Management Hal Varian, University of California, Berkeley

New Developments in Competition Law and Economics - Klaus Mathis 2019-03-18

This book further develops both the traditional and the behavioural approach to competition law, and applies these approaches to a variety of timely issues. It discusses several fundamental questions regarding competition law and economics, and explores the applications of competition law and economics. In turn, the book analyses the interplay of intellectual

property rights and patents in various aspects of competition law, and investigates the impacts that developments in information technology, such as big data analytics, have on competition law. The book also discusses the impact of energy law reforms on energy markets from a competition law perspective. Competition law is a classic field of economic analysis. This is largely due to the fact that competition law uses terms such as market, price, and competition and must therefore rely on economic know-how and analyses. In the United States, economic analysis has greatly influenced not just the scholarship on antitrust law, but also judicial decisions and agency enforcement. Antitrust law and economics are based on the traditional paradigm of neoclassical economics, which relies on the assumption that the market players, i.e. consumers and producers, are rational. This approach to competition law was later received in Europe under the banner of a “more economic approach”. For the past two decades,

behavioural law and economics, which seeks to generate better insights into legal phenomena by providing more realistic psychological foundations for economic models, and to offer a multitude of applications in legislation and legal adjudication, has challenged the traditional economic approach to law in general and, more recently, to competition law specifically.

Glossary of Industrial Organisation Economics and Competition Law - R. S. Khemani 1993

Making Friends on the Fly: Advances in Ad Hoc Teamwork - Samuel Barrett 2015-05-25

This book is devoted to the encounter and interaction of agents such as robots with other agents and describes how they cooperate with their previously unknown teammates, forming an Ad Hoc team. It presents a new algorithm, PLASTIC, that allows agents to quickly adapt to new teammates by reusing knowledge learned from previous teammates. PLASTIC is instantiated in both a model-based approach,

PLASTIC-Model and a policy-based approach, PLASTIC-Policy. In addition to reusing knowledge learned from previous teammates, PLASTIC also allows users to provide expert-knowledge and can use transfer learning (such as the new Two Stage Transfer algorithm) to quickly create models of new teammates when it has some information about its new teammates. The effectiveness of the algorithm is demonstrated on three domains, ranging from multi-armed bandits to simulated robot soccer games.

Research Handbook on the Law and Economics of Competition Enforcement -

Kokkoris, Ioannis 2022-08-16

This incisive Research Handbook identifies and assesses the emerging trends in competition enforcement, investigating how such changes impact the enforcement approach of competition authorities and the behaviour of companies in an ever-evolving business and regulatory environment.

Algorithmic Antitrust - Aurelien Portuese

2022-01-21

Algorithms are ubiquitous in our daily lives. They affect the way we shop, interact, and make exchanges on the marketplace. In this regard, algorithms can also shape competition on the marketplace. Companies employ algorithms as technologically innovative tools in an effort to edge out competitors. Antitrust agencies have increasingly recognized the competitive benefits, but also competitive risks that algorithms entail. Over the last few years, many algorithm-driven companies in the digital economy have been investigated, prosecuted and fined, mostly for allegedly unfair algorithm design. Legislative proposals aim at regulating the way algorithms shape competition. Consequently, a so-called “algorithmic antitrust” theory and practice have also emerged. This book provides a more innovation-driven perspective on the way antitrust agencies should approach algorithmic antitrust. To date, the analysis of algorithmic

antitrust has predominantly been shaped by pessimistic approaches to the risks of algorithms on the competitive environment. With the benefit of the lessons learned over the last few years, this book assesses whether these risks have actually materialized and whether antitrust laws need to be adapted accordingly. Effective algorithmic antitrust requires to adequately assess the pro- and anti-competitive effects of algorithms on the basis of concrete evidence and innovation-related concerns. With a particular emphasis on the European perspective, this book brings together experts and scrutinizes on the implications of algorithmic antitrust for regulation and innovation.

**OECD Economic Outlook, Volume 2019
Issue 1** - OECD 2019-05-21

This issue includes a general assessment, a special chapter on the effects of digitalisation on productivity and a chapter summarising developments and providing projections for each individual country.

Competing in the Age of AI - Marco Iansiti
2020-01-07

"a provocative new book" — The New York Times AI-centric organizations exhibit a new operating architecture, redefining how they create, capture, share, and deliver value. Now with a new preface that explores how the coronavirus crisis compelled organizations such as Massachusetts General Hospital, Verizon, and IKEA to transform themselves with remarkable speed, Marco Iansiti and Karim R. Lakhani show how reinventing the firm around data, analytics, and AI removes traditional constraints on scale, scope, and learning that have restricted business growth for hundreds of years. From Airbnb to Ant Financial, Microsoft to Amazon, research shows how AI-driven processes are vastly more scalable than traditional processes, allow massive scope increase, enabling companies to straddle industry boundaries, and create powerful opportunities for learning—to drive ever more accurate, complex, and sophisticated

predictions. When traditional operating constraints are removed, strategy becomes a whole new game, one whose rules and likely outcomes this book will make clear. Iansiti and Lakhani: Present a framework for rethinking business and operating models Explain how "collisions" between AI-driven/digital and traditional/analog firms are reshaping competition, altering the structure of our economy, and forcing traditional companies to rearchitect their operating models Explain the opportunities and risks created by digital firms Describe the new challenges and responsibilities for the leaders of both digital and traditional firms Packed with examples—including many from the most powerful and innovative global, AI-driven competitors—and based on research in hundreds of firms across many sectors, this is your essential guide for rethinking how your firm competes and operates in the era of AI. Case Studies on the Regulatory Challenges Raised by Innovation and the Regulatory

Responses - OECD 2021-12-14

The pace and scope of innovation are challenging the way governments regulate. Existing regulatory frameworks might not be agile enough to accommodate the fast pace of technological development and, as a consequence, rules might become outdated.

OECD Business and Finance Outlook 2021

AI in Business and Finance - OECD

2021-09-24

The OECD Business and Finance Outlook is an annual publication that presents unique data and analysis on the trends, both positive and negative, that are shaping tomorrow's world of business, finance and investment.

Economic Analysis in EU Competition Policy

- Parcu, Pier L. 2021-12-10

This insightful book assesses emerging trends in the role of economic analysis in EU competition policy, exploring how it has substantially increased in terms of both theories and methods.

The Digital Economy and Competition Law in

Asia - Steven Van Uytsel 2021-05-06

The digital economy, broadly defined as the economy operating on the basis of interconnectivity between people and businesses, has gradually spread over the world. Although a global phenomenon, the digital economy plays out in local economic, political, and regulatory contexts. The problems thus created by the digital economy may be approached differently depending on the context. This edited collection brings together leading scholars based in Asia to detail how their respective jurisdictions respond to the competition law problems evolving out of the deployment of the digital economy. This book is timely, because it will show to what extent new competition law regimes or those with a history of lax enforcement can respond to these new developments in the economy. Academics in law and business strategies with an interest in competition law, both in Asia and more broadly, will find the insights in this edited collection

invaluable. Further, this volume will be a key resource for scholars, practitioners and students.

The Cambridge Handbook of the Law of Algorithms - Woodrow Barfield 2020-10-31

Algorithms are a fundamental building block of artificial intelligence - and, increasingly, society - but our legal institutions have largely failed to recognize or respond to this reality. The Cambridge Handbook of the Law of Algorithms, which features contributions from US, EU, and Asian legal scholars, discusses the specific challenges algorithms pose not only to current law, but also - as algorithms replace people as decision makers - to the foundations of society itself. The work includes wide coverage of the law as it relates to algorithms, with chapters analyzing how human biases have crept into algorithmic decision-making about who receives housing or credit, the length of sentences for defendants convicted of crimes, and many other decisions that impact constitutionally protected

groups. Other issues covered in the work include the impact of algorithms on the law of free speech, intellectual property, and commercial and human rights law.

Intellectual Property Law and the Fourth Industrial Revolution - Christopher Heath 2020-05-22

The convergence of various fields of technology is changing the fabric of society. Big data and data mining, Internet of Things, artificial intelligence and blockchains are already affecting business models and leading to a social and economic transformations that have been dubbed by the fourth industrial revolution. Focusing on the framework of intellectual property rights, the contributions to this book analyse how the technical background of this massive transformation affects intellectual property law and policy and how intellectual property is likely to change in order to serve the society. Well-known authorities in intellectual property law offer in-depth chapters on the roles

in this revolution of such concepts and actualities as the following: power and role of data as the raw material of the revolution; artificial inventors and creators; trade marks in the dimension of avatars and fictional game characters; concept of inventive step change where the person skilled in the art is virtual; data rights versus intellectual property rights; transparency in the context of big data; interrelations of data, technology transfer and antitrust; self-executable and 'smart' contracts; redefining the balance among exclusive rights, development, technology transfer and contracts; and proprietary information versus the public domain. The chapters also provide complete analyses of how big data changes decision-making processes, how sustainable development requires redefinition, how technology transfer is re-emerging as technology diffusion and how the role of contracts and blockchain as instruments of monitoring and enforcement are being defined. Offering the first in-depth legal

commentary and analysis of this highly topical issue, the book approaches the fourth industrial revolution from the perspectives of technical background, society and law. Its authoritative analysis of how the data-driven economy influences innovation and technology transfer is without peer. It will be welcomed by practicing lawyers in intellectual property rights and competition law, as well as by academics, think tanks and policymakers.

The Antitrust Paradigm - Jonathan B. Baker
2019-05-06

At a time when tech giants have amassed vast market power, Jonathan Baker shows how laws and regulations can be updated to ensure more competition. The sooner courts and antitrust enforcement agencies stop listening to the Chicago school and start paying attention to modern economics, the sooner Americans will reap the benefits of competition.

Smart Urban Mobility - Michèle Finck
2020-09-28

This book adds a critical perspective to the legal dialogue on the regulation of 'smart urban mobility'. Mobility is one of the most visible sub-domains of the 'smart city', which has become shorthand for technological advances that influence how cities are structured, public services are fashioned, and citizens coexist. In the urban context, mobility has come under pressure due to a variety of different forces, such as the implementation of new business models (e.g. car and bicycle sharing), the proliferation of alternative methods of transportation (e.g. electric scooters), the emergence of new market players and stakeholders (e.g. internet and information technology companies), and advancements in computer science (in particular due to artificial intelligence). At the same time, demographic changes and the climate crisis increase innovation pressure. In this context law is a seminal factor that both shapes and is shaped by socio-economic and technological change. This

book puts a spotlight on recent developments in smart urban mobility from a legal, regulatory, and policy perspective. It considers the implications for the public sector, businesses, and citizens in relation to various areas of public and private law in the European Union, including competition law, intellectual property law, contract law, data protection law, environmental law, public procurement law, and legal philosophy. Chapter 'Location Data as Contractual Counter-Performance: A Consumer Perspective on Recent EU Legislation' of this book is available open access under a CC BY 4.0 license at link.springer.com.

The Theory of Collusion and Competition Policy - Joseph E. Harrington, Jr. 2017-11-16

A review of the theoretical research on unlawful collusion, focusing on the impact and optimal design of competition law and enforcement. Collusion occurs when firms in a market coordinate their behavior for the purpose of producing a supracompetitive outcome. The

literature on the theory of collusion is deep and broad but most of that work does not take account of the possible illegality of collusion. Recently, there has been a growing body of research that explicitly focuses on collusion that runs afoul of competition law and thereby makes firms potentially liable for penalties. This book, by an expert on the subject, reviews the theoretical research on unlawful collusion, with a focus on two issues: the impact of competition law and enforcement on whether, how long, and how much firms collude; and the optimal design of competition law and enforcement. The book begins by discussing general issues that arise when models of collusion take into account competition law and enforcement. It goes on to consider game-theoretic models that encompass the probability of detection and penalties incurred when convicted, and examines how these policy instruments affect the frequency of cartels, cartel duration, cartel participation, and collusive prices. The book then considers the

design of competition law and enforcement, examining such topics as the formula for penalties and leniency programs. The book concludes with suggested future lines of inquiry into illegal collusion.

Algorithms and Law - Martin Ebers 2020-07-31

Algorithms permeate our lives in numerous ways, performing tasks that until recently could only be carried out by humans. Artificial Intelligence (AI) technologies, based on machine learning algorithms and big-data-powered systems, can perform sophisticated tasks such as driving cars, analyzing medical data, and evaluating and executing complex financial transactions - often without active human control or supervision. Algorithms also play an important role in determining retail pricing, online advertising, loan qualification, and airport security. In this work, Martin Ebers and Susana Navas bring together a group of scholars and practitioners from across Europe and the US to analyze how this shift from human actors to

computers presents both practical and conceptual challenges for legal and regulatory systems. This book should be read by anyone interested in the intersection between computer science and law, how the law can better regulate algorithmic design, and the legal ramifications for citizens whose behavior is increasingly dictated by algorithms.

Education at a Glance - 1996

This new annual publication, a companion volume to the fourth edition of "Education at a Glance: OECD Indicators," presents a series of concise analyses on themes relevant to educational policy, based upon selected international education indicators. The analyses are presented in the following four chapters: (1) "An Overview of Enrolment (sic) and Expenditure Trends"; (2) "Educational Outcomes: Measuring Student Achievement and Adult Competence"; (3) "Transition from School to Work"; (4) "Teachers' Pay and Conditions". One annex offers "Data for the Figures" in 22

tables. (Author/LMD)

Blockchain + Antitrust - Schrepel, Thibault
2021-09-21

This innovative and original book explores the relationship between blockchain and antitrust, highlighting the mutual benefits that stem from cooperation between the two and providing a unique perspective on how law and technology could cooperate.

E-commerce Competition Enforcement Guide - Claire Jeffs 2019

The growth in the digital economy both powerfully drives competition, but also provides challenges to global antitrust enforcement. This E-commerce Competition Enforcement Guide, edited by Claire Jeffs, looks at whether established competition tools are sufficient to deal with the challenges of the online world. Drawing on the collective wisdom and expertise of 48 distinguished experts from 22 firms and competition authorities, the Guide provides insight on the differing approaches adopted by

enforcement agencies and whether a balance is being struck between maintaining a vigilant approach to the digital economy and allowing competition to flourish.--From publisher's website.

Competition Law for the Digital Economy - Björn Lundqvist 2019-12-27

The digital economy is gradually gaining traction through a variety of recent technological developments, including the introduction of the Internet of things, artificial intelligence and markets for data. This innovative book contains contributions from leading competition law scholars who map out and investigate the anti-competitive effects that are developing in the digital economy.

Competition and Regulation in the Data Economy - Gintarė Surblytė-Namavičienė 2020-10-30

This incisive book provides a much-needed examination of the legal issues arising from the data economy, particularly in the light of the

expanding role of algorithms and artificial intelligence in business and industry. In doing so, it discusses the pressing question of how to strike a balance in the law between the interests of a variety of stakeholders, such as AI industry, businesses and consumers.

Global Competition Enforcement - Paulo Burnier da Silveira 2019-10-17

Global Competition Enforcement New Players, New Challenges Edited by Paulo Burnier da Silveira & William Evan Kovacic In a short span of years, the landscape of global competition has changed significantly. In particular, international cooperation in competition law enforcement has greatly strengthened the battle against abuse of dominance, cartels, anticompetitive mergers and related political corruption. This thoroughly researched book explains the current situation regarding joint investigations, identifies common problems and considers possible solutions and future developments. In addition to covering issues of

competition policy, its authors look in detail at practice in both merger and conduct investigations in a variety of countries. The following aspects of the subject and more are examined in depth: the interface between antitrust and anti-corruption; the digital economy's challenges to competition authorities; convergent aims and rules among different competition authorities; regional organizations with competition mandates; competition neutrality and state-owned enterprises; and leniency programmes. Although necessarily there is considerable information on major antitrust regimes like those of the United States and the European Union, chapters by local experts highlight lessons to be learned from the work of competition authorities in five continents including Argentina, Australia, Brazil, China, Colombia, India, Japan, Mauritius, Mexico, Peru and South Africa. The contributors include competition enforcers, regulators, academics, practitioners and leading

commentators from a range of jurisdictions. Adding up to an authoritative analysis from the enforcer's perspective, the studies presented in the book clarify the approaches and priorities of competition enforcement authorities – including those of major emerging economies – and provide expert guidance on dealing with transnational investigations. Antitrust lawyers, corporate counsel and interested academics as well as policymakers will benefit immeasurably from this book's wealth of informative detail.

Big Data and Competition Policy - Professor Maurice Stucke 2016-08-02

Big Data and Big Analytics are a big deal today. Big Data is playing a pivotal role in many companies' strategic decision-making. Companies are striving to acquire a 'data advantage' over rivals. Data-driven mergers are increasing. These data-driven business strategies and mergers raise significant implications for privacy, consumer protection and competition law. At the same time,

European and United States' competition authorities are beginning to consider the implications of a data-driven economy on competition policy. In 2015, the European Commission launched a competition inquiry into the e-commerce sector and issued a statement of objections in its Google investigation. The implications of Big Data on competition policy will likely be a part of the mix. *Big Data and Competition Policy* is the first work to offer a detailed description of the important new issue of Big Data and explains how it relates to competition laws and policy, both in the EU and

US. The book helps bring the reader quickly up to speed on what is Big Data, its competitive implications, the competition authorities' approach to data-driven mergers and business strategies, and their current approach's strengths and weaknesses. Written by two recognized leading experts in competition law, this accessible work offers practical guidance and theoretical discussion of the potential benefits (including data-driven efficiencies) and concerns for the practitioner, policy maker, and academic alike.