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## KEY=EMERGING - HAILIE HUDSON

**The Growing Gap Between Emerging Technologies and Legal-Ethical Oversight The Pacing Problem** *Springer Science & Business Media* **At the same time that the pace of science and technology has greatly accelerated in recent decades, our legal and ethical oversight mechanisms have become bogged down and slower. This book addresses the growing gap between the pace of science and technology and the lagging responsiveness of legal and ethical oversight society relies on to govern emerging technologies. Whether it be biotechnology, genetic testing, nanotechnology, synthetic biology, computer privacy, autonomous robotics, or any of the other many emerging technologies, new approaches are needed to ensure appropriate and timely regulatory responses. This book documents the problem and offers a toolbox of potential regulatory and governance approaches that might be used to ensure more responsive oversight. New Technologies and the Law of Armed Conflict** *Springer Science & Business Media* **Modern technological development has been both rapid and fundamentally transformative of the means and methods of warfare, and of the broader environment in which warfare is conducted. In many cases, technological development has been stimulated by, and dedicated to, addressing military requirements. On other occasions, technological developments outside the military sphere affect or inform the conduct of warfare and military expectations. The introduction of new technologies such as information technology, space technologies, nanotechnology and robotic technologies into our civil life, and into warfare, is expected to influence the application and interpretation of the existing rules of the law of armed conflict. In this book, scholars and practitioners working in the fields critically examine the potential legal challenges arising from the use of new technologies and future directions of legal development in light of the specific characteristics and challenges each technology presents with regard to foreseeable humanitarian impacts upon the battlespace. Emerging Technologies Ethics, Law and Governance** *Routledge* **Emerging technologies present a challenging but fascinating set of ethical, legal and regulatory issues. The articles selected for this volume provide a broad overview of the most influential historical and current thinking in this area and show that existing frameworks are often inadequate to address new technologies - such as biotechnology, nanotechnology, synthetic biology and robotics - and innovative new models are needed. This collection brings together invaluable, innovative and often complementary approaches for overcoming the unique challenges of emerging technology ethics and governance. The Impact of Emerging Technologies on the Law of Armed Conflict** *Oxford University Press, USA* **Emerging technologies have always played an important role in armed conflict. From the crossbow to cyber capabilities, technology that could be weaponized to create an advantage over an adversary has inevitably found its way into military arsenals for use in armed conflict. The weaponization of emerging technologies, however, raises challenging legal issues with respect to the law of armed conflict. As States continue to develop and exploit new technologies, how will the law of armed conflict address the use of these technologies on the battlefield? Is existing law sufficient to regulate new technologies, such as cyber capabilities, autonomous weapons systems, and artificial intelligence? Have emerging technologies fundamentally altered the way we should understand concepts such as law-of-war precautions and the principle of distinction? How can we ensure compliance and accountability in light of technological advancement? This volume of the Lieber Studies explores these critical questions while highlighting the legal challenges--and opportunities--presented by the use of emerging technologies on the battlefield. The Oxford Handbook of Law, Regulation and Technology** *Oxford University Press* **The variety, pace, and power of technological innovations that have emerged in the 21st Century have been breathtaking. These technological developments, which include advances in networked information and communications, biotechnology, neurotechnology, nanotechnology, robotics, and environmental engineering technology, have raised a number of vital and complex questions. Although these technologies have the potential to generate positive transformation and help address 'grand societal challenges', the novelty associated with technological innovation has also been accompanied by anxieties about their risks and destabilizing effects. Is there a potential harm to human health or the environment? What are the ethical implications? Do this innovations erode of antagonize values such as human dignity, privacy, democracy, or other norms underpinning existing bodies of law and regulation? These technological developments have therefore spawned a nascent but growing body of 'law and technology' scholarship, broadly concerned with exploring the legal, social and ethical dimensions of technological innovation. This handbook collates the many and varied strands of this scholarship, focusing broadly across a range of new and emerging technology and a vast array of social and policy sectors, through which leading scholars in the field interrogate the interfaces between law, emerging technology, and regulation. Structured in five parts, the handbook (I) establishes the collection of essays within existing scholarship concerned with law and technology as well as regulatory governance; (II) explores the relationship between technology development by focusing on core concepts and values which technological developments implicate; (III) studies the challenges for law in responding to the emergence of new technologies, examining how legal norms, doctrine and institutions have been shaped, challenged and destabilized by technology, and even how technologies have been shaped by legal regimes; (IV) provides a critical**

exploration of the implications of technological innovation, examining the ways in which technological innovation has generated challenges for regulators in the governance of technological development, and the implications of employing new technologies as an instrument of regulatory governance; (V) explores various interfaces between law, regulatory governance, and new technologies across a range of key social domains. Legal Tech and the New Sharing Economy *Springer Nature* The exponential growth of disruptive technology is changing our world. The development of cloud computing, big data, the internet of things, artificial intelligence, machine learning, deep learning, and other related autonomous systems, such as self-driving vehicles, have triggered the emergence of new products and services. These significant technological breakthroughs have opened the door to new economic models such as the sharing and platform-based economy. As a result, companies are becoming increasingly data- and algorithm-driven, coming to be more like "decentralized platforms". New transaction or payment methods such as Bitcoin and Ethereum, based on trust-building systems using Blockchain, smart contracts, and other distributed ledger technology, also constitute an essential part of this new economic model. The sharing economy and digital platforms also include the everyday exchange of goods allowing individuals to commodify their surplus resources. Information and innovation technologies are used in order to then match these resources with existing demand in the market. Online platforms such as Airbnb, Uber, and Amazon reduce information asymmetry, increase the value of unused resources, and create new opportunities for collaboration and innovation. Moreover, the sharing economy is playing a major role in the transition from exclusive ownership of personal assets toward access-based exploitation of resources. The success of online matching platforms depends not only on the reduction of search costs but also on the trustworthiness of platform operators. From a legal perspective, the uncertainties triggered by the emergence of a new digital reality are particularly urgent. How should these tendencies be reflected in legal systems in each jurisdiction? This book collects a series of contributions by leading scholars in the newly emerging fields of sharing economy and Legal Tech. The aim of the book is to enrich legal debates on the social, economic, and political meaning of these cutting-edge technologies. The chapters presented in this edition attempt to answer some of these lingering questions from the perspective of diverse legal backgrounds. Regulating New Technologies in Uncertain Times *Springer* This book deals with questions of democracy and governance relating to new technologies. The deployment and application of new technologies is often accompanied with uncertainty as to their long-term (un)intended impacts. New technologies also raise questions about the limits of the law as the line between harmful and beneficial effects is often difficult to draw. The volume explores overarching concepts on how to regulate new technologies and their implications in a diverse and constantly changing society, as well as the way in which regulation can address differing, and sometimes conflicting, societal objectives, such as public health and the protection of privacy. Contributions focus on a broad range of issues such as Citizen Science, Smart Cities, big data, and health care, but also on the role of market regulation for new technologies.The book will serve as a useful research tool for scholars and practitioners interested in the latest developments in the field of technology regulation. Leonie Reins is Assistant Professor at the Tilburg Institute for Law, Technology, and Society (TILT) in The Netherlands. Intellectual Property Perspectives on the Regulation of New Technologies *Edward Elgar Publishing* This book explores the challenges that emerging technologies and technology driven practices pose for traditional notions of intellectual property (IP) law and policy. Chapters offer perspectives from across the IP law spectrum and address questions such as; is the law evolving in the right direction and is the regulation of emerging technology supported by sound policy objectives? Covering a diverse range of topics, this book exposes the intimate relationship between IP and technology. Emerging Pervasive Information and Communication Technologies (PICT) Ethical Challenges, Opportunities and Safeguards *Springer Science & Business Media* This book provides a wide and deep perspective on the ethical issues raised by pervasive information and communication technology (PICT) – small, powerful, and often inexpensive Internet-connected computing devices and systems. It describes complex and unfamiliar technologies and their implications, including the transformative potential of augmented reality, the power of location-linked information, and the uses of "big data," and explains potential threats, including privacy invaded, security violated, and independence compromised, often through widespread and lucrative manipulation. PICT is changing how we live, providing entertainment, useful tools, and life-saving systems. But the very smartphones that connect us to each other and to unlimited knowledge also provide a stream of data to systems that can be used for targeted advertising or police surveillance. Paradoxically, PICT expands our personal horizons while weaving a web that may ensnare whole communities. Chapters describe particular cases of PICT gone wrong, but also highlight its general utility. Every chapter includes ethical analysis and guidance, both specific and general. Topics are as focused as the Stuxnet worm and as broad as the innumerable ways new technologies are transforming medical care. Written for a broad audience and suitable for classes in emerging technologies, the book is an example of anticipatory ethics – "ethical analysis aimed at influencing the development of new technologies" (Deborah Johnson 2010). The growth of PICT is outpacing the development of regulations and laws to protect individuals, organizations, and nations from unintended harm and malicious havoc. This book alerts users to some of the hazards of PICT; encourages designers, developers, and merchants of PICT to take seriously their ethical responsibilities – if only to "do no harm" – before their products go public; and introduces citizens and policy makers to challenges and opportunities that must not be ignored. Computational Legal Studies The Promise and Challenge of Data-Driven Research *Edward Elgar Publishing* Featuring contributions from a diverse set of experts, this thought-provoking book offers a visionary introduction to the computational turn in law and the resulting emergence of the computational legal studies field. It explores how computational data creation, collection, and analysis techniques are transforming the way in which we comprehend and study the law, and the implications that this has for the future of legal studies. The 2009 Solo and Small Firm Legal Technology Guide Critical Decisions Made Simple *American Bar Association* An annual guide helps solo and small firm lawyers find the best legal technology for their dollar, providing current information and recommendations on computers, servers, networking equipment, legal software, printers, security products, smartphones, and everything

else a law office might need. Original. Uberveillance and the Social Implications of Microchip Implants: Emerging Technologies Emerging Technologies *IGI Global* "This book presents case studies, literature reviews, ethnographies, and frameworks supporting the emerging technologies of RFID implants while also highlighting the current and predicted social implications of human-centric technologies"--Provided by publisher. The 2008 Solo and Small Firm Legal Technology Guide Critical Decisions Made Simple *American Bar Association* The Law and Ethics of Freedom of Thought, Volume 1 Neuroscience, Autonomy, and Individual Rights *Palgrave Macmillan* Freedom of thought is one of the great and venerable notions of Western thought, often celebrated in philosophical texts – and described as a crucial right in American, European, and International Law, and in that of other jurisdictions. What it means more precisely is, however, anything but clear; surprisingly little writing has been devoted to it. In the past, perhaps, there has been little need for such elaboration. As one Supreme Court Justice stressed, "[f]reedom to think is absolute of its own nature" because even "the most tyrannical government is powerless to control the inward workings of the mind." But the rise of brain scanning, cognition enhancement, and other emerging technologies make this question a more pressing one. This volume provides an interdisciplinary exploration of how freedom of thought might function as an ethical principle and as a constitutional or human right. It draws on philosophy, legal analysis, history, and reflections on neuroscience and neurotechnology to explore what respect for freedom of thought (or an individual's cognitive liberty or autonomy) requires. The Law and Ethics of Freedom of Thought, Volume 1 Neuroscience, Autonomy, and Individual Rights *Springer Nature* Freedom of thought is one of the great and venerable notions of Western thought, often celebrated in philosophical texts – and described as a crucial right in American, European, and International Law, and in that of other jurisdictions. What it means more precisely is, however, anything but clear; surprisingly little writing has been devoted to it. In the past, perhaps, there has been little need for such elaboration. As one Supreme Court Justice stressed, "[f]reedom to think is absolute of its own nature" because even "the most tyrannical government is powerless to control the inward workings of the mind." But the rise of brain scanning, cognition enhancement, and other emerging technologies make this question a more pressing one. This volume provides an interdisciplinary exploration of how freedom of thought might function as an ethical principle and as a constitutional or human right. It draws on philosophy, legal analysis, history, and reflections on neuroscience and neurotechnology to explore what respect for freedom of thought (or an individual's cognitive liberty or autonomy) requires. Laws of the State of New York Financial Technology and the Law Combating Financial Crime *Springer Nature* Blockchains and cryptocurrencies, open banking, virtual assets, and artificial intelligence have become the buzzword of this decade. This book focuses on these disruptive financial technologies that provide alternatives to the traditional financial services typically offered by regulated financial institutions. Financial technologies are characterized by the innovative ways in which they initiate, support or extend traditional financial services or offer alternative financial pathways and products. However, these financial technologies also pose money laundering and terrorist and proliferation financing as well as cyber security risks that require mitigation. This edited volume addresses a range of regulatory and enforcement challenges related to financial technology and financial crime. The book responds to the United Nations Sustainable Development Goals, in particular in relation to economic development, employment, national security, law enforcement and social well-being. Fostering responsible financial innovation promotes long-term economic growth, inclusion, and improved living standards. This book explores how to promote financial innovation while mitigating risks in a way that ensures financial prosperity and social inclusion. Emerging Technology and the Law of the Sea *Cambridge University Press* Leading experts in the law of the sea assess the impact of emerging technology on ocean governance. The Journal of International Maritime Law Liquid Legal Transforming Legal into a Business Savvy, Information Enabled and Performance Driven Industry *Springer* This book compels the legal profession to question its current identity and to aspire to become a strategic partner for corporate executives, clients and stakeholders, transforming legal into a function that creates incremental value. It provides a uniquely broad range of forward-looking perspectives from several different key-players in the legal industry: in-house legal, law firms, LPO's, legal tech, HR, associations and academia. This publication is a platform for leading legal professionals that offers a new perspective on the accelerating transformation in legal. Combining expert contributions with editorial insights, it argues that the new legal function will shift from a paradigm of security to one of opportunity; that future corporate lawyers will no longer primarily be negotiators, litigators and administrators, but that instead they will be coaches, arbiters and intrapreneurs; that legal knowledge and data-based services will become a commodity; and that analytics and measurement will be key drivers of the future of the profession. A must-read for all legal professionals, this book sets the course for revitalizing the profession. Emergent Information Technologies and Enabling Policies for Counter-Terrorism *John Wiley & Sons* Explores both counter-terrorism and enabling policy dimensionsof emerging information technologies in national security After the September 11th attacks, "connecting the dots" hasbecome the watchword for using information and intelligence toprotect the United States from future terrorist attacks. Advancedand emerging information technologies offer key assets inconfronting a secretive, asymmetric, and networked enemy. Yet, in afree and open society, policies must ensure that these powerfultechnologies are used responsibly, and that privacy and civilliberties remain protected. Emergent Information Technologies and Enabling Policies forCounter-Terrorism provides a unique, integrated treatment ofcutting-edge counter-terrorism technologies and their correspondingpolicy options. Featuring contributions from nationally recognizedauthorities and experts, this book brings together a diverseknowledge base for those charged with protecting our nation fromterrorist attacks while preserving our civil liberties. Topics covered include: Counter-terrorism modeling Quantitative and computational social science Signal processing and information management techniques Semantic Web and knowledge management technologies Information and intelligence sharing technologies Text/data processing and language translation technologies Social network analysis Legal standards for data mining Potential structures for enabling policies Technical system design to support policy Countering terrorism in today's world requires innovativetechnologies and corresponding creative

policies; the two cannot bepractically and realistically addressed separately. EmergentInformation Technologies and Enabling Policies forCounter-Terrorism offers a comprehensive examination of both areas,serving as an essential resource for students, practitioners,researchers, developers, and decision-makers. Use and Misuse of New Technologies Contemporary Challenges in International and European Law *Springer* The ever-increasing use of technology is challenging the current status of the law, bringing about new problems and questions. The book addresses this trend from the perspective of International law and European Union law and is divided into three main thematic sections. The first section focuses on the legal implications of the use of technology either for law enforcement purposes or in the context of military activities, and examines how this use adds a new dimension to perennial issues, such as the uneasy balance between security concerns and the protection of individual rights, and defining the exact scope of certain State obligations. In so doing, it takes into account a range of current and potential scenarios at the international, regional and domestic level, including the use of killer robots, databases, drones and technology in general to patrol borders, exchange information on criminal suspects, maintain public order, target suspected terrorists and conduct military activities. In turn, the second section examines the role of institutional and non-institutional actors in establishing substantive normative standards for the use of high-tech applications. In this respect, it focuses both on the role that European courts have played so far, and on how other actors' initiatives can contribute to the construction of a new legal framework for technology-related activities. Lastly, the third section has a two-fold focus: the first part investigates how the increasing reliance on technology is affecting traditional rules on international responsibility, and is challenging, in particular, the attribution of wrongful conduct to States and international organizations. The second part addresses issues of jurisdiction and justiciability. Given the scope of its coverage, this timely book addresses an important lacuna in the current legal scholarship, exploring some of the most recent applications of technology and the legal issues arising as a result. Readers will gain novel insights into the challenges posed to International law and European law by the growing reliance on technology, taking into account both its uses and misuses. Federal Trade Commission Reauthorization Act of 1996, and Made in America Toll-free Number Hearing Before the Subcommittee on Commerce, Trade, and Hazardous Materials of the Committee on Energy and Commerce [i.e. Commerce], House of Representatives, One Hundred Fourth Congress, Second Session, on H.R. 3553 and H.R. 447, July 11, 1996 Military Ethics and Emerging Technologies *Routledge* This volume looks at current and emerging technologies of war and some of the ethical issues surrounding their use. Although the nature and politics of war never change, the weapons and technologies used in war do change and are always undergoing development. Because of that, the arsenal of weapons for twenty-first century conflict is different from previous centuries. Weapons in today's world include an array of instruments of war that include, robotics, cyber war capabilities, human performance enhancement for warriors, and the proliferation of an entire spectrum of unmanned weapons systems and platforms. Tactical weapons now have the potential of strategic results and have changed the understanding of the battle space creating ethical, legal, and political issues unknown in the pre-9/11 world. What do these technologies mean for things such as contemporary international relations, the just-war tradition, and civil-military relations? Directed at readers in the academic, scientific, military, and public policy communities, this volume offers current thought on ethics and emerging technologies from internationally-recognized scholars addressing the full spectrum of issues in present warfare technology. It includes current and ongoing topics of multi-discipline and international interest, such as ethics, law, international relations, war studies, public policy, science and technology. This book was originally published in various issues and volumes of the Journal of Military Ethics. International Legal Theory *Cambridge University Press* A reader-friendly overview of leading theoretical approaches to international law for students, scholars, and practitioners. New Technologies and the Law in War and Peace *Cambridge University Press* Explains how existing and proposed law seek to tackle challenges posed by new and emerging technologies in war and peace. Technology and Privacy The New Landscape *MIT Press* Over the last several years, the realm of technology and privacy has been transformed, creating a landscape that is both dangerous and encouraging. Significant changes include large increases in communications bandwidths; the widespread adoption of computer networking and public-key cryptography; new digital media that support a wide range of social relationships; a massive body of practical experience in the development and application of data-protection laws; and the rapid globalization of manufacturing, culture, and policy making. The essays in this book provide a new conceptual framework for the analysis and debate of privacy policy and for the design and development of information systems. Group Privacy New Challenges of Data Technologies *Springer* The goal of the book is to present the latest research on the new challenges of data technologies. It will offer an overview of the social, ethical and legal problems posed by group profiling, big data and predictive analysis and of the different approaches and methods that can be used to address them. In doing so, it will help the reader to gain a better grasp of the ethical and legal conundrums posed by group profiling. The volume first maps the current and emerging uses of new data technologies and clarifies the promises and dangers of group profiling in real life situations. It then balances this with an analysis of how far the current legal paradigm grants group rights to privacy and data protection, and discusses possible routes to addressing these problems. Finally, an afterword gathers the conclusions reached by the different authors and discuss future perspectives on regulating new data technologies. Overview of Legal Issues in New Reproductive Technologies *Royal Commission* "The scope, diversity, and complexity of the legal issues raised by new reproductive technologies required that the Royal Commission on New Reproductive Technologies undertake studies in a wide range of areas to examine the legal implications of the technologies. This volume provides an overview of various legal approaches to the entire body of technologies in the Commission's mandate."-- Media Law, Ethics, and Policy in the Digital Age *IGI Global* The growing presence of digital technologies has caused significant changes in the protection of digital rights. With the ubiquity of these modern technologies, there is an increasing need for advanced media and rights protection. Media Law, Ethics, and Policy in the Digital Age is a key resource on the challenges, opportunities, issues, controversies, and contradictions of digital technologies in relation

to media law and ethics and examines occurrences in different socio-political and economic realities. Highlighting multidisciplinary studies on cybercrime, invasion of privacy, and muckraking, this publication is an ideal reference source for policymakers, academicians, researchers, advanced-level students, government officials, and active media practitioners. Resources in Education CYBER LAWS AND IT PROTECTION, SECOND EDITION *PHI Learning Pvt. Ltd.* India has emerged as a hub of the IT industry due to the phenomenal growth of the IT sector. However, this huge growth has brought legal complications due to a switch from paper-based commercial transactions to e-commerce and e-transactions. This book, now in its Second Edition, discusses the legal position of Information Technology (IT), e-commerce and business transaction on the cyberspace/Internet under the Information Technology (IT) Act in India. Divided into five parts, Part I of the text deals with the role of the Internet, e-commerce and e-governance in the free market economy. Part II elaborates on various laws relating to electronic records and intellectual property rights with special reference to India. Efforts are being made internationally to rein in cybercrimes by introducing stringent laws; Part III deals with various rules and regulations which have been introduced to get rid of cybercrimes. Part IV is devoted to discussing various offences committed under the IT Act, penalties imposed on the offenders, and compensations awarded to the victims. Finally, Part V acquaints the students with electronic evidence, social media crimes and investigation in cybercrimes. This book is designed as a text for postgraduate students of Law (LLM), undergraduate law students (B.A. LL.B./ BBA LL.B./ B.Com. LL.B.), postgraduate students of Information Technology [B.Tech./M.Tech. (IT)] and for Master of Computer Applications (MCA) wherever it is offered as a course. NEW TO SECOND EDITION • New chapters on o Social Media Crimes and Information Technology Laws o Cybercrime Investigation • Content on need for the regulation of cyberspace • Definitions of e-Commerce • Features of the Consumer Protection Act, 2019 • Evidentiary value of electronic evidences • TDAST as Appellate Tribunal • A Question Bank containing Multiple choice questions • Review Questions at the end of every chapter • Comprehensive and updated Table of Cases • An appendix on IT (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021 TARGET AUDIENCE • B.Tech/M.Tech (IT) • BBA LLB/BA LLB/B.Com LLB. • MCA • LLM Law/technology The Lawyer's Guide to Collaboration Tools and Technologies Smart Ways to Work Together *American Bar Association* This first-of-its-kind legal guide showcases how to use the latest Web-based and software technologies, such as Web 2.0, Google tools, Microsoft Office, and Acrobat, to work collaboratively and more efficiently on projects with colleagues, clients, co-counsel and even opposing counsel. The book provides a wealth of information useful to lawyers who are just beginning to try collaboration tools, as well as tips and techniques for those lawyers with intermediate and advanced collaboration experience. Privacy and Identity Management for Emerging Services and Technologies 8th IFIP WG 9.2, 9.5, 9.6/11.7, 11.4, 11.6 International Summer School, Nijmegen, The Netherlands, June 17-21, 2013, Revised Selected Papers *Springer* This book contains a range of keynote papers and submitted papers presented at the 7th IFIP WG 9.2, 9.5, 9.6/11.7, 11.4, 11.6 International Summer School, held in Nijmegen, The Netherlands, in June 2013. The 13 revised full papers and 6 keynote papers included in this volume were carefully selected from a total of 30 presentations and 11 keynote talks and were subject to a two-step review process. The keynote papers cover the dramatic global changes, including legislative developments that society is facing today. Privacy and identity management are explored in specific settings, such as the corporate context, civic society, and education and using particular technologies such as cloud computing. The regular papers examine the challenges to privacy, security and identity; ways of preserving privacy; identity and identity management and the particular challenges presented by social media. Intellectual Property and Emerging Technologies The New Biology *Edward Elgar Publishing* This unique and comprehensive collection investigates the challenges posed to intellectual property by recent paradigm shifts in biology. It explores the legal ramifications of emerging technologies, such as genomics, synthetic biology, stem cell research, nanotechnology, and biodiscovery. Extensive contributions examine recent controversial court decisions in patent law such as Bilski v. Kappos, and the litigation over Myriad's patents in respect of BRCA1 and BRCA2 while other papers explore sui generis fields, such as access to genetic resources, plant breeders' rights, and traditional knowledge. The collection considers the potential and the risks of the new biology for global challenges such as access to health-care, the protection of the environment and biodiversity, climate change, and food security. It also considers Big Science projects such as biobanks, the 1000 Genomes Project, and the Doomsday Vault. The inter-disciplinary research brings together the work of scholars from Australia, Canada, Europe, the UK and the US and involves not only legal analysis of case law and policy developments, but also historical, comparative, sociological, and ethical methodologies. Intellectual Property and Emerging Technologies will appeal to policy-makers, legal practitioners, business managers, inventors, scientists and researchers. The Cambridge Handbook of Health Research Regulation The definitive reference guide to designing scientifically sound and ethically robust medical research, considering legal, ethical and practical issues. Unmanned Aircraft Systems *John Wiley & Sons* Covering the design, development, operation and mission profiles of unmanned aircraft systems, this single, comprehensive volume forms a complete, stand-alone reference on the topic. The volume integrates with the online Wiley Encyclopedia of Aerospace Engineering, providing many new and updated articles for existing subscribers to that work. The 2010 Solo and Small Firm Legal Technology Guide Critical Decisions Made Simple *American Bar Association* Computers -- Computer operating systems -- Monitors -- Computer peripherals -- Printers -- Scanners -- Servers -- Server operating systems -- Networking hardware -- Miscellaneous hardware -- Productivity software -- Security software -- Case management -- Billing software -- Litigation programs -- Document management -- Document assembly -- Collaboration -- Remote access -- Mobile security -- More about Macs -- Unified messaging and telecommunications -- Utilities -- The legal implications of social networking -- Paperless or paper LESS -- Tomorrow in legal tech. Energy Abstracts for Policy Analysis