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### **Spss 20user Guide**

Enrique H. Riquelme, Dario Paez , Silvia Cristina da Costa Dutra

#### **Spss 20user Guide:**

**Illustrating Statistical Procedures: Finding Meaning in Quantitative Data** Ray W. Cooksey, 2020-05-14 This book occupies a unique position in the field of statistical analysis in the behavioural and social sciences in that it targets learners who would benefit from learning more conceptually and less computationally about statistical procedures and the software packages that can be used to implement them This book provides a comprehensive overview of this important research skill domain with an emphasis on visual support for learning and better understanding The primary focus is on fundamental concepts procedures and interpretations of statistical analyses within a single broad illustrative research context The book covers a wide range of descriptive correlational and inferential statistical procedures as well as more advanced procedures not typically covered in introductory and intermediate statistical texts It is an ideal reference for postgraduate students as well as for researchers seeking to broaden their conceptual exposure to what is possible in statistical analysis Technology and Interpreting Cheung Andrew K.F., Dechao Li, Kanglong Liu, Riccardo Moratto, 2025-09-25 Offering a thorough exploration of the rapid advancements in technology development for interpreting this book explores the effects of technology on the practice of interpreting providing theoretical insights and practical applications. The chapters underscore the interdisciplinary nature of interpreting in the digital age and cover a wide range of topics from online learning environments for trainee interpreters and ethical considerations to the application of specific digital tools in language interpretation It covers the application of advanced language models in interpreting the pedagogical implications of technology in interpreter training as well as the cognitive aspects of interpreting in a technologically advanced environment. The authors integrate insights from technology linguistics education and cognitive science to provide a comprehensive understanding of how technology influences interpreting This interdisciplinary approach allows the book to provide a holistic view of the field making it a valuable resource for readers from various disciplines interested in the interplay between technology and interpreting This book serves as a platform for discussing and debating new thoughts on the teaching and training of interpreting and the delivery of interpreting services Delving into the new paradigms of interpreting studies that have emerged in the wake of technological advancements this book will be invaluable to students studying interpreting or related fields researchers investigating the impact of technology on interpreting and practitioners in the field who are keen to understand and leverage the latest technological advancements Parenthood From Biology to Relation. Prevention, Assessment and Interventions for Developmental and Clinical Issues Silvia Salcuni, Alessandra Simonelli, 2018-12-07 Information and Communication Technologies in Tourism 2015 lis Tussyadiah, Alessandro Inversini, 2015-01-27 The papers presented in this volume advance the state of the art research on big data and analytics social media electronic marketing mobile computing and recommender systems mobile sensors and geosocial services augmented reality wearable computing smart tourism electronic distribution for tourism and hospitality products and services e learning responsive web

design and management and eTourism for development This book covers the most significant areas contributed by prominent scholars from around the world and is suitable for both academics and practitioners who are interested in the latest developments in e Tourism Innovating Education in Technology-Supported Environments Kam Cheong Li, Eva Yuen Mei Tsang, Billy Tak Ming Wong, 2020-09-29 This book explores a broad range of innovations in education such as flipped classrooms the educational use of social media mobile learning and educational resources It also includes theoretical discussions and practical applications related to the use of augmented reality and educational technologies for improving students engagement and facilitating their future studies and careers Featuring case studies and practical applications illustrating the effectiveness of new modes of education in which the latest technologies and innovations are widely used in the global context the book helps readers develop their awareness of the related insights and implications in order to deepen their understanding and stimulate critical thinking as to how new technologies have made learning and teaching easier in different educational settings Discourses on Professional Learning Christian Harteis, Andreas Rausch, Jürgen Seifried, 2014-06-30 This book analyses and elaborates on learning processes within work environments and explores professional learning It presents research indicating general characteristics of the work environment that support learning as well as barriers to workplace learning Themes of professional development lifelong learning and business organisation emerge through the chapters and contributions explore theoretical and empirical analyses on the boundary between working and learning in various contexts and with various methodological approaches Readers will discover how current workplace learning approaches can emphasise the learning potential of the work environment and how workplaces can combine the application of competence that is working with its acquisition or learning Through these chapters we learn about the educational challenge to design workplaces as environments of rich learning potential without neglecting business demands Expert authors explore how learning and working are both to be considered as two common aspects of an individual s activity Complexity significance integrity and variety of assigned work tasks as well as scope of action interaction and feedback within its processing turn out to be crucial work characteristics amongst others revealed in these chapters Part of the Professional and Practice based Learning series this book will appeal to anyone with an interest in workplaces as learning environments those within government community or business agencies and within the research communities in education psychology sociology and business management will find it of great interest Sound Perception and the Well-Being of <u>Vulnerable Groups</u> Qi Meng, Pyoung Jik Lee, Hui Ma, 2022-03-08 SPSS/PC+ Tables V2.0 SPSS Inc.1988 Countries. Corporations and Cultures Paul Melessen, 2017-06-06 With expanding globalisation international enterprises exercise a growing influence on organizational culture in countries where they operate Several dimensional frameworks exist to compare country cultures in a quantitative manner. The same is true for organizational cultures. Yet until now the paradigm has been that the two types of culture need to be measured by different frameworks For years this paradigm has been an

obstacle for comparing work cultures internationally In this book author Paul Melessen presents a dimensional framework that bridges the gap between the two types of culture It builds on existing frameworks in particular the VSM and OCM frameworks presented by Geert Hofstede to compare fifteen multinational corporations and subsequently draw several interesting conclusions Appropriately titled Countries Corporations and Cultures the book develops the Multilevel Culture MLC framework with a procedure called MCMC multilevel modelling Hence the subtitle A multilevel approach Prediction and Causality in Econometrics and Related Topics Nguyen Ngoc Thach, Doan Thanh Ha, Nguyen Duc Trung, Vladik Kreinovich, 2021-07-26 This book provides the ultimate goal of economic studies to predict how the economy develops and what will happen if we implement different policies To be able to do that we need to have a good understanding of what causes what in economics Prediction and causality in economics are the main topics of this book s chapters they use both more traditional and more innovative techniques including quantum ideas to make predictions about the world economy international trade exchange rates about a country s economy gross domestic product stock index inflation rate and about individual enterprises banks and micro finance institutions their future performance including the risk of bankruptcy their stock prices and their liquidity Several papers study how COVID 19 has influenced the world economy This book helps practitioners and researchers to learn more about prediction and causality in economics and to further develop this important research direction Culture and Emotion in Educational Dynamics Enrique H. Riquelme, Dario Paez , Silvia Cristina da Costa Dutra, 2024-06-18 Culture plays a significant role in regulating emotions and influencing the dissemination of education particularly within diverse geographic locations However the impact of culture on emotional dynamics within educational settings is not well understood This is particularly important within contexts of social and cultural diversity where schools must navigate cultural and majority emotional dynamics. The aim of this research topic is to provide a comprehensive overview of the current state of the art in the field of emotional dynamics in education with a particular focus on the ways in which culture mediates these dynamics The topic will also explore the problems and solutions deployed within educational contexts of cultural diversity with a specific emphasis on school family and community interaction New Advances in Grit Research: A Multidisciplinary Perspective Song Wang, Jiang Jiang, Xin Tang, 2022-09-20 The Future of the Leader-Member Exchange Theory Aharon Tziner, Erich Christian Fein, 2021-10-04 Happiness Meliksah Demir, 2015-04-09 This is the first book that explicitly focuses on the relationships between various types of friendship experiences and happiness It addresses historical theoretical and measurement issues in the study of friendship and happiness e q why friends are important for happiness In order to achieve a balanced evaluation of this area as a whole many chapters in the book conclude with a critical appraisal of what is known about the role of friendship in happiness and provide important directions for future research Experts from different parts of the world provide in depth authoritative reviews on the association between different types of friendship experiences e g friendship quantity quality and happiness in

different age groups and cultures An ideal resource for researchers and students of positive psychology this rich clear and up to date book serves as an important reference for academicians in related fields of psychology such as cross cultural Developing Future-ready Learners for a Global Age Suzanne S. Choo, Woon Chia Liu, Bee developmental and social Leng Chua, 2024-12-02 Suzanne S Choo Woon Chia Liu and Bee Leng Chua offer a dynamic look into the tripartite relationship between education research policy and practice that characterizes Singapore s changing education landscape Over the years Singapore has garnered increasing attention internationally for its world class education system Pushing back against the stereotypical notions of exam and teacher centric education in Asia the contributors to this volume discuss opportunities as well as challenges in Singapore s innovation towards constructivist critical culturally responsive and cosmopolitan forms of learning Highlighting the pedagogical innovation and its context in Singapore's teacher education and schools the authors bridge theory and practice by providing an understanding of innovative practices informed by key shifts in Singapore's education policies and the key conceptual principles informing these practices. More importantly it provides on the ground empirical insights into the ways these innovative pedagogical practices are enacted in the classroom and in teacher education programmes Each chapter provides an in depth understanding of how these pedagogies are applied across various subject disciplines including guided problem solving in Mathematics games based pedagogy in Science multimodal literacies in language ethical criticism in Literature Nonlinear Pedagogy in Physical Education multicultural approaches in music and dialogic pedagogy in drama among others Balancing theoretical and empirical focus this resourceful text will be of interest to students researchers and practitioners in educational development pedagogy and teacher education as well as policymakers across international fields in education 
Proceedings of 5th International Conference on Civil **Engineering and Architecture** Thomas Kang, 2023-10-04 This book states that the proceedings gathers selected papers from 2022 5th International Conference on Civil Engineering and Architecture ICCEA 2022 which was held in Hanoi Vietnam on December 16 18 2022 The conference is the premier forum for the presentation of new advances and research results in the fields of theoretical experimental and practical civil engineering and architecture And this proceedings from the conference mainly discusses architectural design and project management environmental protection and spatial planning design and analysis of building materials and structural engineering and safety And these materials can be useful and valuable sources for researchers and professionals working in the field of civil engineering and architecture Trends on Innovability and Sustainable Innovation Anna Ujwary-Gil, Anna Florek-Paszkowska, 2025-06-01 Introduction to the Innovability Index More than the fusion of innovation and sustainability The integration of innovation and sustainability conceptualized as innovability represents a strategic construct for addressing global challenges such as climate change resource constraints and social inequality The conceptual understanding of innovability has advanced but its empirical measurement and operationalization remain underdeveloped This conceptual paper introduces the Innovability Index

designed to evaluate the extent to which countries regions or organizations embed sustainability principles The index encompasses four dimensions technological innovation for sustainability environmental sustainability social inclusiveness and sustainable business practices Each dimension is assessed through a set of indicators normalized weighted and aggregated to generate a composite performance score The Innovability Index provides a structured approach for benchmarking sustainable innovation capabilities It is a practical tool for policymakers firms and researchers to align innovation ecosystems with sustainability imperatives and the Sustainable Development Goals SDGs This conceptual paper opens the thematic issue of innovability and sustainable innovation as well as addresses a gap in the literature by introducing the initial attempt to measure innovability Keywords Innovability Innovability Index sustainable development ESG sustainability sustainable innovation technological innovation environmental sustainability social inclusiveness sustainable business practices Leadership competencies for innovability Bridging theory and practice for sustainable development PURPOSE This study explores the critical leadership competencies necessary for fostering innovability the integration of innovation and sustainability within organizations particularly inr education institutions HEIs and the business sector The research seeks to address the gap in understanding how these competencies are developed in HEIs and whether they effectively prepare graduates with the skills needed for the current business context Additionally the study emphasizes the need to identify robust instruments for measuring these competencies to ensure their practical application in organizational settings METHODOLOGY A systematic literature review SLR was conducted using Scopus and Web of Science databases The study employed a rigorous selection process to identify relevant empirical studies published between 2015 and 2024 A total of 53 articles were analyzed to address three key research questions related to the characteristics of innovability leadership recommendations for developing immovability in organizations and the methodologies or instruments used to identify these competencies The analysis involved thematic synthesis and content analysis to extract insights and identify gaps in the existing literature FINDINGS The study identifies five key categories of leadership competencies essential for innovability including strategic leadership fostering a culture of collaboration commitment to sustainability continuous education and sensitivity to global megatrends Despite the recognition of these competencies the study reveals a significant lack of empirical research on their practical implementation and measurement The findings also highlight the need for robust tools to assess these competencies effectively Additionally the study provides several recommendations for developing innovability for their integration into the business sector emphasizing the importance of leadership development programs the integration of sustainability into corporate strategy and the promotion of a collaborative organizational culture IMPLICATIONS Theoretically the study contributes to the conceptual framework of innovability leadership by identifying critical competencies and suggesting a more integrated approach to leadership development in business education Practically the research underscores the importance of developing targeted training programs and assessment tools to

cultivate these competencies in future leaders This is particularly relevant for business schools which play a crucial role in preparing students to address complex global challenges ORIGINALITY AND VALUE This study fills a gap in the literature by providing a detailed examination of the competencies required for innovability leadership and proposing directions for future research and practice It offers a unique contribution by bridging the theoretical and practical aspects of innovability in leadership particularly within the context of higher education Keywords innovability leadership competencies sustainability business education systematic literature review Sustainable Development Goals SDGs leadership development educational innovation higher education Integrating science technology and experimental knowledge for sustainable innovation A Living Lab approach to urban biodiversity management PURPOSE This study aims to enhance understanding of STI Science Technology Innovation and DUI Doing Using Interacting integration dynamics in sustainable innovation specifically investigating its role in innovation outcomes stakeholder engagement and the institutionalization of sustainable practices in urban lawn management METHODOLOGY Using a single case study design the study captures real time dynamic interactions between STI and DUI practices observing ongoing processes Data were collected through five focus group interviews with 32 stakeholders individual interviews project documentation and a project diary Stakeholders included public sector officials NGOs private garden owners and business representatives each offering insights into policy environmental practices and market driven solutions The Living Lab methodology emphasizing co creation and iterative feedback guided both data collection and analysis with NVivo software and manual coding used to identify key themes and challenges in integrating STI and DUI for sustainable innovation FINDINGS The investigation revealed that integrating STI and DUI modes fosters a dynamic synergy STI provided scientific rigor while DUI leveraged stakeholder input and local contexts to co develop adaptive urban biodiversity solutions This approach addressed location specific challenges balancing ecological goals with practical feasibility For instance stakeholder engagement refined scientific recommendations ensuring broader applicability and adoption Despite tensions between rigor and practicality the participatory Living Lab methodology facilitated co creation aligning scientific insights with real world needs to enhance sustainable lawn care practices IMPLICATIONS The study contributes to innovation theory by showing how integrating STI and DUI modes fosters socially responsive adaptable solutions for urban biodiversity management From a practical standpoint it underscores the importance of stakeholder engagement in developing tools and strategies that balance scientific insights with practical real world application The project offers a replicable model for integrating formal research with user driven innovation in sustainability projects ORIGINALITY AND VALUE This paper provides a unique contribution by showcasing how the integration of formal scientific research STI with practical user cantered approaches DUI can foster innovability The use of the Living Lab methodology to co create urban biodiversity solutions bridges the gap between academic research and practical application offering a novel framework for addressing complex environmental challenges through collaborative innovation Keywords sustainable

innovation Science Technology Innovation STI Doing Using Interacting DUI urban biodiversity lawn management Living Lab stakeholder engagement participatory innovation co creation climate change adaptation The role of green blue ocean strategy in enhancing frugal innovation through IoT and AI A resource based view perspective PURPOSE This study explores the role of Green Blue Ocean Strategy GBOS in promoting frugal innovation by leveraging IoT and AI from an RBV theoretical perspective targeting creative entrepreneurs in Central Java Indonesia METHODOLOGY A quantitative approach was used with Structural Equation Modelling SEM analyzed via AMOS Data from 262 creative entrepreneurs were collected through an online closed questionnaire using purposive sampling FINDINGS The study reveals that 1 IoT does not significantly impact frugal innovation 2 AI positively influences frugal innovation and 3 GBOS effectively mediates the relationship between IoT AI and frugal innovation suggesting that integrating sustainable strategies with technology can lead to more cost effective and inclusive innovations IMPLICATIONS for theory and practice The study extends the RBV framework by integrating the GBOS concept demonstrating its effectiveness in optimizing digital technology for sustainability driven innovation It contributes to the literature on sustainability strategies and the Resource Based View by introducing a novel theoretical model that links GBOS IoT and AI with frugal innovation Practically GBOS offers a pathway for creative entrepreneurs to overcome resource constraints and achieve competitive advantages through sustainable practices ORIGINALITY AND VALUE This study introduces Green Blue Ocean Strategy GBOS as a novel conceptual framework that extends the traditional Blue Ocean Strategy BOS by integrating sustainability principles GBOS addresses both economic and environmental concerns enabling businesses to achieve cost effective innovation Grounded in the Resource Based View RBV this study systematically develops and empirically tests GBOS by linking it with IoT AI and frugal innovation The framework offers a new lens for sustainable competitive advantage in resource constrained environments Keywords internet of things artificial intelligence green blue ocean strategy frugal innovation resource based view sustainability sustainable strategy digital technology sustainability driven innovation sustainable innovation The impact of eco innovation on circular economy in EU countries How patents affect circular material use rate PURPOSE The main objective of this study is to examine how eco innovation activities measured by the number of patents related to recycling and secondary raw materials affect the level of use of circular materials in economic processes in European Union countries Simultaneously to take into account the impact of the other drivers of the circular economy the study includes control variables such as GDP per capita share of income from environmental taxes age structure of the population and level of education of the population METHODOLOGY This study uses a generalized linear model for panel data For all analyzed explanatory variables greater inter group variation than intra group variation was observed so a panel averaged effects estimator was used The study sample includes 28 European Union EU countries The time scope of this study is 2010 2019 Eurostat database was the source of the unbalanced panel data This study seeks answers to the following research question

What is the impact of patents related to waste management and recycling on the circularity rate of the EU economies FINDINGS The results indicate that leaders in the area of circularity are the Netherlands France and Belgium Ireland Romania and Portugal occupy last place in terms of the circularity of the economy There is considerable variation in the number of patent applications related to waste management and recycling in the EU countries Luxembourg Finland Belgium and the Netherlands have the highest propensity for patents In contrast Bulgaria Greece and Croatia show the lowest patent activity Finally the higher the propensity to patent in waste management and recycling technologies the higher the rate of circular use of materials IMPLICATIONS The results provide a compelling rationale for prioritizing and incentivizing investments in promising technologies to achieve both environmental sustainability and economic prosperity in the long term ORIGINALITY AND VALUE Our study sheds new light on the link between eco innovation and circular economy in EU countries We address the issue of possible nonlinearities between circularity and its drivers Given the fractional nature of the response variable i e circular material use rate we apply the generalized estimating equations GEE approach to model both the mean structure and association structure of fractional responses Keywords circular economy CE circularity eco innovation patent circular material use CE driver EU countries generalized estimating equations recycling technologies waste management Unitary Patent System and innovation dynamics in the European Union The role of economic resources and R D investments PURPOSE The EU supports competitiveness and sustainability via innovations by the patent protection of inventions On 1st June 2023 the EU launched the Unitary Patent System UPS with the Unitary Patent as a universal innovation protection tool The data regarding its first 20 months of operations offers indices about innovation and patenting trends METHODOLOGY The contextual exploration of the UPS was projected into four aims addressing the absolute and relative numbers of Unitary Patents A1 and the relationship between Unitary Patents and GDP per capita A2 and GERD A3 and comparatively juxtaposing them A4 This deeper contextual understanding of Unitary Patenting dynamic entails EU member states and their top four competitors China Japan South Korea USA The data regarding the GDP GDP per capita GERD number of Unitary Patents in total and per millions of inhabitants was collected and visualized via tables and charts and submitted to a critical comparison FINDINGS The first 20 months of the UPS operations suggests that the Unitary Patent is a viable but not the most popular patenting option and that there is a positive impact on the GDP per capita and GERD for the majority of the EU member states and that there are differences between EU member states in their efficiency to generate Unitary Patents IMPLICATIONS The performed study confirms the parallel co existence of various patenting strategies and the importance of investments in patented inventions However the size of GDP per capita followed by GERD is a mere pre requirement that leads to diversified efficiency even among similar jurisdictions with at least an average GDP per capita and GERD Arguably the UPS magnifies the differences and the six original European integration jurisdictions are not the best UPS players There are indices about positive trends for Northern EU member states and negative trends for

Southern EU member states ORIGINALITY AND VALUE This is a pioneering contribution regarding a newly launched system showing that despite the same regime EU member states differ dramatically in their approach to patenting and that the level of GDP per capita and GERD are just the starting points Keywords Unitary Patent System EU member states GDP gross domestic expenditure on research and development GERD GERD per GDP GERD Index innovation sustainability economic resources patent protection The Digital Sustainability Ecosystem A conceptual framework for digital transformation and sustainable innovation PURPOSE This study introduces the Digital Sustainability Ecosystem a conceptual framework to integrate digital transformation and sustainable innovation It examines how emerging digital technologies including artificial intelligence blockchain and the Internet of Things drive sustainability transitions by serving as strategic enablers Addressing a critical gap in the literature this research focuses on the dynamic mechanisms and synergies that connect digital transformation with sustainable innovation within a complex ecosystem METHODOLOGY The study employs a systematic literature review SLR of 50 studies and a comparative analysis of 13 existing frameworks to identify and analyze key mechanisms that link digital transformation and sustainable innovation culminating in the development of the Digital Sustainability Ecosystem framework FINDINGS The study identifies five interconnected mechanisms efficiency gains dematerialization circular economy enablement innovation acceleration and digital collaboration These mechanisms illustrate the relationships between technological advancements and sustainability objectives while addressing synergies and tensions such as the trade offs between energy demands and environmental benefits The Digital Sustainability Ecosystem emphasizes multi stakeholder collaboration iterative feedback loops and adaptable processes to address gaps in existing models positioning digital transformation as a transformative force for systemic sustainability improvements IMPLICATIONS The Digital Sustainability Ecosystem advances theoretical discourse by positioning sustainability as a systemic outcome of digital transformation extending beyond traditional efficiency focused models It emphasizes organizational resilience and stakeholder collaboration as pivotal for achieving sustainability objectives Practitioners can leverage AI IoT and blockchain to enhance resource optimization and foster sustainability driven innovation ecosystems Policymakers and organizations are encouraged to combine digital strategies with sustainability imperatives emphasizing adaptive leadership regulatory alignment and multi stakeholder engagement ORIGINALITY AND VALUE This study presents a conceptual framework that bridges theoretical and practical gaps in the literature by integrating foundational theories that associate digital transformation with sustainability imperatives while fostering innovation and competitive advantage The framework sets the stage for future research emphasizing potential applications in industry specific contexts cross sectoral collaborations and the evolving role of emerging technologies in sustainability transitions By incorporating dynamic feedback loops and systemic adaptability this framework establishes a foundation for advancing both academic inquiry and practical implementation It offers guidance for exploring unanswered questions about scalability policy integration and multi stakeholder engagement in

the digital age Keywords digital transformation sustainable innovation digital sustainability ecosystem sustainability transitions artificial intelligence blockchain Internet of Things circular economy efficiency gains dematerialization acceleration digital collaboration stakeholders

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Proceedings of the 4th International Conference on Progressive Education 2022 (ICOPE 2022) Ryzal Perdana, Sunyono, Gede Eka Putrawan, Trio Yuda Septiawan, Bayu Saputra, 2023-05-27 This is an open access book Fostering Synergy and Innovation in Digital Learning EnvironmentsThe 4th ICOPE 2022 is an international conference in education with the theme of fostering synergy and innovation in digital learning environments It is organized by the faculty of teacher training and education at the University of Lampung Indonesia Bandar Lampung the capital city of Lampung Province will be the host of this event It will be taken place on the 15th 16th of October 2022 This conference involves keynote speakers from Indonesia USA Malaysia and Australia It is intended to be a forum to convey specific alternatives and significant breakthroughs in rapid social development Therefore this event aims to kindly appeal to scholars academics researchers experts practitioners and university students to take part and share outlooks experiences research findings and recent trends of research in the milieu of education In doing so it is expected that attendees can gain advanced understanding and insights into offering solutions to problems The 4th ICOPE 2022 invites and welcomes you to submit your works on various topics related to the Scope of the Conference All submitted abstracts and papers will undergo a blind peer review process to ensure their quality relevance and originality After carrying the burden coming from Covid 19 and its dynamic it tremendously needs to adjust various social aspects especially from an education perspective This term covers a broad spectrum concerning numerous dimensions of social life at individual group nation state regional and global levels Therefore adapting process insists on the seriousness of the global community to cooperate within the unpredictable complexities Legal Challenges in the New Digital Age Ana Mercedes Lopez Rodriguez, Michael D. Green, Maria Lubomira Kubica, 2021-02-01 Legal Challenges in the New Digital Age addresses a wide range of legal issues related to emerging technologies These technologies pose prominent legal challenges in particular how to wedge new phenomena into old frameworks whether we can and should delegate responsibilities to technologies and how to cope with newly created powers of manipulation Edited by Ana Mercedes Lopez Rodriguez Michael D Green and Maria Lubomira Kubica the book s sixteen chapters are written by highly qualified international practitioners and academics from different jurisdictions Familiarity with the intricacies of emerging technologies is essential for judges practitioners legal staff business people and scholars This book s combination of highly thought provoking topics and in depth analysis will prove indispensable to all interested parties

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