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Richard Tigges

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AI for the Rest of Us Sairam Sundaresan, 2025-10-30 A joyfully lucid unravelling of AI full of aha moments mind bending analogies and charming doodles that demystifies how these newfangled thinking machines actually learn and are already quietly reshaping our world In *AI For the Rest of Us* Sairam Sundaresan reveals AI's true nature not cyborg sci fi overlords but clever tricks surprising simplicity and the human creativity teaching computers to well think Understanding arrives in the form of playful puzzles why AI sees your pooch as a pastry witty explanations and charming drawings from a guide passionate that AI's core ideas are for everyone Sundaresan helps you see AI's smarts unfold by showing how a robot eventually learns a dance how it finds logic in king man woman queen or even cooks up faces so lifelike you might recognize them His signature doodles illuminate ideas transforming baffling complexity into moments of pure delightful clarity From first building blocks to modern marvels like AI that chats creates art or decides what you buy this book is your exhilarating ticket to understanding the AI age

Design Computing and Cognition'24 John S. Gero, 2024-09-28 This book publishes the reviewed and revised texts of the papers delivered at the Eleventh International Conference on Design Computing DCC 24 held at Concordia University in Montreal Canada These papers span the range of design research from artificial intelligence cognitive science cognitive neuroscience to computational theories applies to design The papers are published in two volumes and are grouped under the following headings Design Processes Design Creativity Design Cognition Shape and Form Design Technology AI and Design Design and Brain Behaviors and Design AI Applications These two volumes form an archival record of current cutting edge research studying design scientifically They demonstrate the range of approaches being used to characterize designing as a process At the same time they show that there is a commonality in designing independent of design discipline These volumes will be of interest to design researchers in both academia and industry and to anyone who needs to obtain a better understanding of designing

Artificial Intelligence Utku Kose, M. Umut Demirezen, 2024-11-29 This book provides an examination of cutting edge research and developments in the field of artificial intelligence It seeks to extend the view in both technical and societal evaluations to ensure a well defined balance for societal outcomes It explores hot topics such as generative artificial intelligence artificial intelligence in law education and climate change *Artificial Intelligence Technical and Societal Advancements* seeks to bridge the gap between theory and practical applications of AI by giving readers insight into recent advancements It offers readers a deep dive into the transformative power of AI for the present and future world As artificial intelligence continues to revolutionize various sectors the book discusses applications from healthcare to finance and from entertainment to industrial areas It discusses the technical aspects of intelligent systems and the effects of these aspects on humans To this point this book considers technical advancements while discussing the societal pros and cons in terms of human machine interaction in critical applications The authors also stress the importance of deriving policies and predictions about how to make future intelligent systems

compatible with humans through a necessary level of human management Finally this book provides the opinions and views of researchers and experts from public private sector including educators lawyers policymakers managers and business related representatives The target readers of this book include academicians researchers experts policymakers educators and B S M S and Ph D students in the context of target problem fields It can be used accordingly as a reference source and even supportive material for artificial intelligence oriented courses

Can AI Craft Communication? Richard Tigges, 2025-02-12 Can AI craft communication And how do you get a company to the forefront of the Generative AI GenAI movement or at least among the fast followers At the moment there are actually far more communication professionals dealing with this question than would like to admit In this guide Richard Tigges experienced radio and TV journalist and CommTech PR strategist takes away the fear of taking the first or second step The book is a concrete guide on how to introduce artificial intelligence into your PR or marketing department quickly efficiently and above all in a meaningful way There are quick wins and long term strategic decisions that will pay off

AI Aesthetics Jan-Noël Thon, Lukas R.A. Wilde, 2025-09-09 This volume investigates the intersection of generative AI and media aesthetics from an interdisciplinary perspective Combining in depth theoretical reflection with a diverse selection of case studies its authors explore the aesthetic forms of AI generated medial objects as well as the cultural imaginaries that the latter draw upon Bringing together a group of scholars from various geographic and disciplinary backgrounds the chapters move within and across different conceptualizations of AI aesthetics that can be located in between an aesthetics as artistics that is primarily concerned with aesthetic judgments related to skill and connoisseurship and an aesthetics as aisthetics that identifies all kinds of embodied perception as its object The book thus reflects on both the theoretical and the methodological implications of AI aesthetics while also demonstrating that this is still very much an emerging research field and that no dominant conceptualization of AI aesthetics has yet emerged Considering its decidedly international and interdisciplinary scope **AI Aesthetics** AI Generated Images between Artistics and Aisthetics will appeal to scholars and students within media studies cultural studies literary studies philosophy art history visual culture studies digital humanities and critical AI studies The Open Access version of this book available at <http://www.taylorfrancis.com> has been made available under a Creative Commons Attribution Non

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Diffusions in Architecture: Artificial Intelligence and Image Generators Matias del Campo, 2024-02-07 **DIFFUSIONS IN ARCHITECTURE** A guide to diffusion models and their impact on design with insight on how this novel artificial intelligence technology may disrupt the industry **Diffusions in Architecture** Artificial Intelligence and Image Generators delves into the impact of Generative AI models and their effect on architecture design and aesthetics The book presents an in depth analysis of how these new technologies are revolutionizing the field of architecture and changing the way architects approach their work The architects presented in the book focus on the application of specific AI techniques and tools used in generative design such as Diffusion models Dall E2 Stable Diffusion

and MidJourney It discusses how these techniques can generate synthetic images that are both realistic and imaginative creating new possibilities for architectural design and aesthetics Twenty two leading designers and theorists offer their insights providing disciplinary depth by covering the full impact of these learning tools on architecture **Computergrafik - Zur Geschichte und Produktionsästhetik synthetischer Bilder** Carolin Scheler,2023-11-02 Es existieren zahlreiche Verfahren um digitale Bilder zu erzeugen Diese Vielfalt erschwert es allerdings digitale Fotografien KI oder CGI Bilder voneinander zu differenzieren Carolin Scheler legt am Beispiel der 3D Computergrafik einen grundlegend neuen Ansatz vor digitale Bilderzeugnisse sthetisch zu analysieren Ausgehend vom Produktionsprozess beschreibt sie die Computergrafik als eigenständiges Ausdrucksverfahren und arbeitet eine den computergenerierten Bildern inhärente ideologische Vorstellung von Realismus heraus Es wird deutlich In der computergrafischen Softwareentwicklung ist immer ein bestimmtes Weltgefühl eingeschrieben mit Auswirkungen auf das Verhältnis von Bild und Wirklichkeit [Making Art With Generative AI Tools](#) Hai-Jew, Shalin,2024-04-01 In the dynamic realm of generative artificial Intelligence AI the fusion of human creativity and machine intelligence has created a vibrant ecosystem of collaborative artmaking However this transformative process brings forth a myriad of concerns ranging from ethical considerations and the need for originality to navigating the legal complexities surrounding intellectual property As more and more online communities appear around the use of AI to aid in the creation of images there arises a pressing need for a comprehensive guide that not only dissects the intricacies of artmaking with generative AI tools but also offers practical solutions to the evolving dilemmas faced by artists researchers and technologists Making Art With Generative AI Tools emerges as an exploration of the challenges posed by this intersection of human expression and artificial intelligence Artists engaging with generative AI find themselves grappling with issues of authenticity social toxicity and the commercial viability of their creations From avoiding stereotypical visuals to ensuring proper crediting the realm of generative AI is rife with these complexities Furthermore the blurred lines between human and machine authorship necessitate a deeper exploration of how these innovative tools impact creativity representation and the very fabric of the art world **Python Automation For Dummies** Alan Simpson,2025-12-16 Streamline Your Workflow and Boost Productivity with Python Automation In today's workplaces there's a high demand for know how on the Python programming language especially for writing time saving scripts that can simplify routine work tasks Python Automation For Dummies delivers with simple explanations of how you can use Python to automatically wrangle data files manage media files create shortcuts find and organize web data and even analyze social media for trends With this easy to follow Dummies guide you can upskill expand your productivity and speed up the process of generating data driven insights You'll even learn to enhance your Python automations with AI for workflows that are faster and smarter Review the basics of Python coding and follow steps for automating all sorts of tasks Manage large file sets organize and analyze data and speed up research processes Automate scheduling and other time consuming tasks and optimize work with AI Free up

time and resources by automating routine work so you can focus on more important issues This is a great Dummies resource for Python developers interested in applying the popular coding language to make workflows more efficient *Artificial Intelligence, Design Law and Fashion* Hasan Kadir Yilmaztekin, 2022-12-30 Artificial intelligence AI now infiltrates our culture After a couple of difficult winters AI today is a word on everybody's lips and it attracts everyone's attention regardless of whether they are experts or not From Apple's Siri to Amazon's Alexa Tesla's auto driving cars to facial recognition systems in CCTV cameras Netflix's film offering services to Google's search engine we live in a world of AI goods The advent of AI powered technologies increasingly affects people's lives across the globe As a tool for productivity and cost efficiency AI also shapes our economy and welfare AI generated designs and works are becoming more popular Today AI technologies can generate several intellectual creations Fashion is one of the industries that AI can profoundly impact AI tools and devices are currently being used in the fashion industry to create fashion models fabric and jewellery designs and clothing When we talk about AI generated designs we instead focus on the fruits of innovation more best selling apparels more fashionable designs and more fulfilment of customer expectations without paying heed to who the designer is Designers invest a lot of talent time and finances into designing and creating each article of clothing and accessory before they release their work to the public Pattern drafting is the first and most important step in dressmaking Designers typically start with a general sketch on paper add styles elements and colours revise and refine everything and finally deliver their design to dressmakers AI accelerates this time consuming and labour intensive process Yet the full legal consequences of AI in fashion industry are often forgotten An AI device's ability to generate fashion designs raises the question of who will own intellectual property rights over the fashion designs Will it be the fashion designer who hires or contracts with the AI programmer Will it be the programmer Will it be the AI itself Or will it be a joint work of humans and computers And who will be liable for infringement deriving from use of third party material in AI generated fashion designs This book explores answers to these questions within the framework of EU design and copyright laws It also crafts a solution proposal based on a three step test and model norms which could be used to unleash the authors rights holders and infringers around AI generated fashion designs

Artificial Intelligence (AI) in Social Research Prokopis A. Christou, 2025-04-08 The field of social research is characterized by its broad scope and interdisciplinary nature encompassing the examination of human behaviour societies and various facets of social existence however it is influenced by numerous factors including technological advancements It is therefore no surprise that Artificial Intelligence AI has rapidly become a driving force bringing about substantial transformations within the field The use of AI assisted tools and programmes for the collection analysis and interpretation of both quantitative and qualitative data is increasing at a remarkable pace The implications of utilizing these applications are significant and noteworthy While these technologies present numerous opportunities it is important to acknowledge the accompanying dilemmas and risks associated with this form of technological advancement With a focus on AI's research

implications this book explores various considerations and examples across different disciplines of social research The Future of Hacking Laura S. Scherling, 2025-07-10 In a world where cyber threats evolve daily the line between hacker and hero is thinner than you think Hacking is often associated with cybercriminals lurking in the shadows stealing data and disrupting digital systems But the reality of hacking is far more complex and far more relevant to our everyday lives than most people realize The Future of Hacking explores the evolving landscape of cybersecurity ethical hacking and digital defense revealing how hacking has transformed from an underground practice to a mainstream issue that affects governments businesses and individuals alike Drawing on years of research and over 30 in depth interviews with cybersecurity professionals from around the world including experts from San Francisco Seoul Cape Town Paris and Bengaluru this book offers a rare behind the scenes look at the people working to protect our digital future From ethical hackers uncovering security vulnerabilities to policymakers shaping the rules of the digital world The Future of Hacking sheds light on the critical role of cybersecurity in today's interconnected society This book delves into key issues such as cyber awareness internet freedom and the policies that shape how we navigate an increasingly digital world It also highlights the experiences of those impacted by cybercrime both victims and defenders offering insight into the real world consequences of data breaches ransomware attacks and digital surveillance Designed for both tech savvy readers and those new to the subject The Future of Hacking makes complex cybersecurity concepts accessible while maintaining the depth of expert knowledge As cyber threats become more sophisticated and pervasive understanding the evolving role of hacking is no longer optional it's essential This book will challenge what you think you know about hackers and leave you better prepared for the digital challenges of tomorrow *Radiomics and artificial intelligence in radiology and nuclear medicine* Giorgio Treglia, Salvatore Annunziata, 2023-06-14 **Neuro-Symbolic Artificial Intelligence: The State of the Art** Md Kamruzzaman Sarker, 2022-01-15 Neuro symbolic AI is an emerging subfield of Artificial Intelligence that brings together two hitherto distinct approaches Neuro refers to the artificial neural networks prominent in machine learning symbolic refers to algorithmic processing on the level of meaningful symbols prominent in knowledge representation In the past these two fields of AI have been largely separate with very little crossover but the so called third wave of AI is now bringing them together This book Neuro Symbolic Artificial Intelligence The State of the Art provides an overview of this development in AI The two approaches differ significantly in terms of their strengths and weaknesses and from a cognitive science perspective there is a question as to how a neural system can perform symbol manipulation and how the representational differences between these two approaches can be bridged The book presents 17 overview papers all by authors who have made significant contributions in the past few years and starting with a historic overview first seen in 2016 With just seven months elapsed from invitation to authors to final copy the book is as up to date as a published overview of this subject can be Based on the editors own desire to understand the current state of the art this book reflects the breadth and depth of the latest

developments in neuro symbolic AI and will be of interest to students researchers and all those working in the field of Artificial Intelligence **Feminist Studies** Hemangini Gupta,Kelly Sharron,Carly Thomsen,Abraham Weil,2025-06-02
Feminist Studies An Introductory Reader offers a unique approach to teaching and learning feminist thought Crafted with the movement and translation of ideas in mind this book is broken into four sections Feminist Epistemologies Feminist Ontologies Feminist Orientations and Resistance Each chapter includes two well known classic texts that commonly appear in Feminist Studies classes as well as two new texts written by scholars who engage critique and extend those ideas in their work In addition the book is accompanied by a companion website which includes discussion questions assignment ideas lesson plans and other materials useful for classroom instruction Feminist Studies An Introductory Reader is designed for those new to feminism as well as more seasoned feminist thinkers It is an ideal resource for students in introductory and advanced feminist theory courses as well as those interested in social scientific and humanistic inquiry more broadly

Technology for the greater good? The influence of (ir)responsible systems on human emotions, thinking and behavior Andrea Szymkowiak,Lynsay Shepherd,Martina Ziefle,Philipp Brauner,Jason Nurse,2024-04-19 **Cooperative Design, Visualization, and Engineering** Yuhua Luo,2023-09-17 This book constitutes the proceedings of the 20th International Conference on Cooperative Design Visualization and Engineering CDVE 2023 held in Palma de Mallorca Spain in October 2023 The 20 full papers and 6 short papers presented were carefully reviewed and selected from 62 submissions The papers cover a wide application spectrum including architecture engineering and construction AEC apace craft building heavy industry robotics tourism education community building medical supply industry commerce **Digital Management and Artificial Intelligence** Richard C. Geibel, **Artificial Intelligence over Infrared Images for Medical Applications** Siva Teja Kakileti, Grafik Tasarımda Akademik Araştırmalar 1 Tarık YAZAR,Fahrettin GEÇEN,2024-10-07

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