

Computer Science Illuminated 5th Edition Online

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this guide offers students an overview of computer science principles and provides a solid foundation for those continuing their study in this dynamic and exciting discipline new features of this edition include a chapter on computer security providing readers with the latest information on preventing unauthorized access types of malware and anti virus software protecting online information including data collection issues with facebook google etc security issues with mobile and portable devices a new section on cloud computing offering readers an overview of the latest way in which businesses and

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to help new archivists and genealogists with what can be a daunting process digitization and digital archiving a practical guide for librarians answers common questions including 1 what should be stored 2 where and how should it be stored 3 how exactly is information stored in a computer 4 how does copyright law affect archiving 5 how can metadata be used to improve collection access this revised second edition has been updated to address new trends and the latest innovations in technology including 1 a brand new chapter addressing different common types of born digital materials which a librarian may need to archive such as databases or websites 2 information about identifying and gathering data from floppy disks an increasingly important task as this technology ages and its data becomes at greater risk of loss 3 fully updated chapters to address the latest changes in file storage and formats including more information on the storage of audio and video media 4 interesting information about the origins of different common technologies to help the reader better understand the past present and future of computer technology this is a comprehensive guide to the process of digital storage and archiving assuming only basic computer knowledge this guide walks the reader through everything he or she needs to know to start or maintain a digital archiving project any librarian interested in how digital information is stored can benefit from this guide

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a fresh contribution to the ongoing debate between kunstwissenschaft scientific study of art and kunstgeschichte art history this essay collection explores how german speaking art historians of the late nineteenth and early twentieth century self consciously generated a field of study prominent north american and european scholars provide new insights into how a mixing of diverse methodologies took place in order to gain a more subtle and comprehensive understanding of how art history became institutionalized and legitimized in germany one common assumption about early art historical writing in germany is that it depended upon a simplistic and narrowly defined formalism this book helps to correct this stereotype by demonstrating the complexity of discussion surrounding formalist concerns and by examining how german speaking art historians borrowed incorporated stole and made analogies with concepts from the sciences in formulating their methods in focusing on the work of some of the well known fathers of the discipline such as alois riegler and heinrich w lfflin as well as on lesser known figures the essays in this volume provide illuminating and sometimes surprising treatments of art history s prior and understudied interactions with a wide range of scientific orientations from psychology sociology and physiognomics to evolutionism and comparative anatomy

monthly magazine devoted to topics of general scientific interest

this book offers a comprehensive and in depth exploration of key digital and ai technologies providing readers with a thorough understanding of the concepts and advancements driving the digital and ai transformation readers will gain the foundational knowledge needed to engage and keep abreast with the subject matter effectively the chapters are organized in a systematic and logical way starting from foundation ict technologies digital platforms digital technologies ai technology and applications in industry and in society the book addresses the critical ethical and societal issues surrounding digital and ai technologies discusses regulatory frameworks and explores potential solutions to these challenges this feature is especially valuable for policymakers and general readers who need to understand the broader implications of technological advancements and make informed decisions accordingly by including the businesses and issues of the leading platform companies like apple google amazon and meta and also by including the case studies of successful digital transformations in various industries like engie john deere posco and hyundai motors the book provides practical insights and actionable strategies this feature is particularly valuable for professionals and academics who can learn from real world applications and apply these lessons to their own contexts although the content is most relevant to professionals in the technology business and industry sectors who are involved in digital and ai transformation initiatives the book is designed to be accessible to readers at any level especially to those who want to keep abreast with the advancement of digital and ai technologies

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