

Optical Wdm Networks Concepts And Design Principles Hardcover

Design Principles and Problems Universal Principles of Design, Revised and Updated Ten Principles for Good Design Radar Cross Section Graphic Design School Introduction to Adaptive Arrays Digital Techniques for Wideband Receivers Typography Essentials Revised and Updated Microwave Passive Direction Finding Principles of Form and Design Design Evolution Signal Understanding Synthetic Aperture Radar Images General Principles of Systems Design The Why of Sports Design Dieter Rams Garden Design The Making of Design Principles GPS World Service Design Principles 1-100: 100 Ideas to Improve the User and Customer Experience in Simple and Practical Ways. Paul Zelanski William Lidwell Cees de Jong Eugene F. Knott David Dabner Robert A. Monzingo James B. Tsui Ina Saltz Stephen E. Lipsky Wucius Wong Timothy Samara Chris Oliver Gerald M. Weinbert Steve Wilson Cees W. De Jong Kyna Leski Daniele Catalanotto

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this comprehensive text is now updated and includes equitable coverage of fine and commercial art media and methods span from the traditional to computer design and a global emphasis reveals the design solutions seen around the world the critiquing process begun in the analysis of student examples will be useful to students preparing for applied design disciplines the art of women and non western cultures provide a broad base of visual examples

universal principles of design is the first comprehensive cross disciplinary encyclopedia of design

exquisitely produced to reflect dieter rams aesthetic philosophy this book presents highlights from a forty year career designing iconic consumer products that enhance our daily lives for decades anyone who cared about product design looked to the braun label when choosing their appliances radios and other consumer items now dieter rams the guiding force behind the braun look breaks down his design principles and processes in this elegant book enumerating each of his ten principles such as good design is innovative good design is aesthetic good design is useful etc this book presents one hundred items that embody these guidelines readers will find items that are familiar such as the ubiquitous coffee grinder but

also those that are more unusual such as shelving systems and cigarette lighters a fascinating essay places dieter rams in the context of modern design from bauhaus to philip johnson archival materials include photos of rams design team and excerpts from his publications and speeches the book closes with a chronological overview of design icons categorized by function that show the enormous breadth of rams vision taken together these images and texts offer the most comprehensive overview of dieter rams work to date and will serve as both a reference and an inspiration for anyone interested in how and why good design matters

the leading text and reference on radar cross section rcs theory and applications this work presents a comparison of two radar signal strengths one is the strength of the radar beam sweeping over a target the other is the strength of the reflected echo sensed by the receiver this book shows how the rcs gauge can be predicted for theoretical objects

the essential introduction to graphic design for the digital era graphic design school provides a comprehensive introduction to visual design for modern media from the fundamentals of design to advanced techniques and problem solving this book is packed with practical advice and tutorials for a broad range of applications in any media this updated sixth edition features a wealth of new guidance that reflects the evolution of the field including extensive discussion of digital design and resourcing new discussion tackles user experience and user interface design plus the latest tools requirements and resources for designing for the web mobile apps social media and more updated assignments reflect the latest graphic design processes and guide students through the transition from simple solutions to starter portfolio pieces while full color illustrations case studies and designer biographies bring real world perspective to this complex multi faceted skill as media continues to evolve graphic designers must possess a core set of competencies that translate across all applications this book teaches the critical concepts and essential skills that build the framework for successful innovative design master the principles elements and tools of design delve into typography color and layout for print and screen understand coding requirements and information architecture design for apps social media mobile devices and more graphic design has never been a static field and the continual honing of skills and techniques is an essential part of the job innovation comes from change and today s design landscape is evolving at an ever increasing pace expanding diversity in media audience topic technique tools and more offer unprecedented opportunity to make your mark graphic design school equips you with a rock solid foundation to support whatever your talent builds

introduction to adaptive arrays serves as an introduction to the subject of adaptive sensor systems whose principle purpose is to enhance the detection and reception of certain desired signals the field of array sensor systems is now a maturing technology with applications of these systems growing more and more numerous there is a wealth of widely scattered literature on various aspects of such systems unfortunately few books attempt to provide an integrated treatment of the entire system that gives the reader the perspective to organize the available literature into easily understood parts intended for use both as a graduate level textbook and as a reference work for engineers scientists and systems analysts this book provides such an integrated treatment by emphasizing the principles and techniques that are of fundamental importance in modern adaptive array systems

this book is a current comprehensive design guide for your digital processing work with today s complex receiver systems this book brings you up to date with the latest information

on wideband electronic warfare receivers the adc testing procedure frequency channelization and decoding schemes and the operation of monobit receivers

typography essentials 100 design principles for working with type is a practical hands on resource that distills and organizes the many complex issues surrounding the effective use of typography an essential reference for designers since 2009 typography essentials is now completely refreshed with updated text new graphics and photos and a whole new look divided into four sections the letter the word the paragraph and the page the text is concise compact and easy to reference each of the 100 principles which cover all practical aspects of designing with type has an explanation and inspiring visual examples drawn from international books magazines posters and more typography essentials is for designers of every medium in which type plays a major role and is organized and designed to make the process enjoyable and entertaining as well as instructional

microwave passive direction finding unifies direction finding df theory and brings together into a single source wide ranging information on the technology of measuring the direction of arrival of microwave signals throughout the material there is authoritative information useful to preparing a detailed technical proposal for new business that has been compiled from many years of defense industry presentations reports and systems development diagrams and photographs of state of the art equipment depict the methods discussed and equations and charts facilitate a hands on approach to calculating system performance the book also presents rarely published systems concepts such as digital preprocessing supercommutation and wide rf bandwidth signal detection methods specific sections cover evolution and use of monopulse passive df receiver theory design of antenna elements for conformal df coverage receiver configurations df antenna arrays interferometer df techniques computation methods for signal detection probability of detection accuracy of df systems and signal processing and display methods more than any book on this technology microwave passive direction finding anticipates the questions that arise in the df design process the chapters are organized to stand alone making the book useful as a text reference for the practicing engineer at the same time the material is organized inductively so that it can be used for a college or seminar text

an unprecedented package that gives readers the content of three important references by one of today s most influential design writers this is a master class in the principles and practical fundamentals of design that will appeal to a broad audience of graphic artists and designers

presents diverse international in depth case studies while there are many books showcasing graphic design work few present in depth projects exploring concept designeraes strategy visual problem solving and specifics illustrating the concrete use of design principles to achieve intended communication goals as a result readers are often left with only a surface understanding of how a project might have evolved or how the visual aspects of its design are brought together to convey its intended message the case studies in design evolutioncomprehensively demonstrate the real world application of visual principles discussed in a more formal educational context readers will understand how the principles for image layout type and color explored in volume 1 design elements work in combination to execute the overall solutions showcased in this volume the depth and range of content presented in these case studies distinguishes this book from all others in the design showcase genre offering readers a chance to not only be inspired by the quality and

innovation of showcased projects but to understand how they were realized

this practical reference shows sar system designers and remote sensing specialists how to produce higher quality sar images using data driven algorithms and apply powerful new techniques to measure and analyze sar image content

design isn't just pushing pixels around a screen you must learn the why of design before you can master the how from thousand year old design principles to concerns in the digital social media age this book will give you a basic foundation in order to produce more professional and memorable graphics these are tips tricks and rules for the inexperienced designer and not just those in the sports industry take your designs to the next level by understanding the why of design

new in paperback this book presents dieter rams aesthetic philosophy through highlights from a forty year career designing iconic consumer products that enhance our daily lives for decades anyone who cared about product design looked to the braun label when choosing their appliances radios and other consumer items dieter rams the guiding force behind the braun look breaks down his design principles and processes in this elegant new paperback edition enumerating each of his ten principles such as good design is innovative good design is aesthetic good design is useful etc this bestselling book presents one hundred items that embody these guidelines taken together the images and texts offer the most comprehensive overview of dieter rams work to date and will serve as both a reference and an inspiration for anyone interested in how and why good design matters

the hypothesis of this handbook is that you don't need to understand the full extent of service design to improve the user and customer experience you don't need to understand all the theory to create great services that's why each principle in this handbook is summarized in a simple rule of thumb these simple rules of thumb should be enough for smart readers you might find under each principle a little story an example or a study this additional content can help you turn this principle into action

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