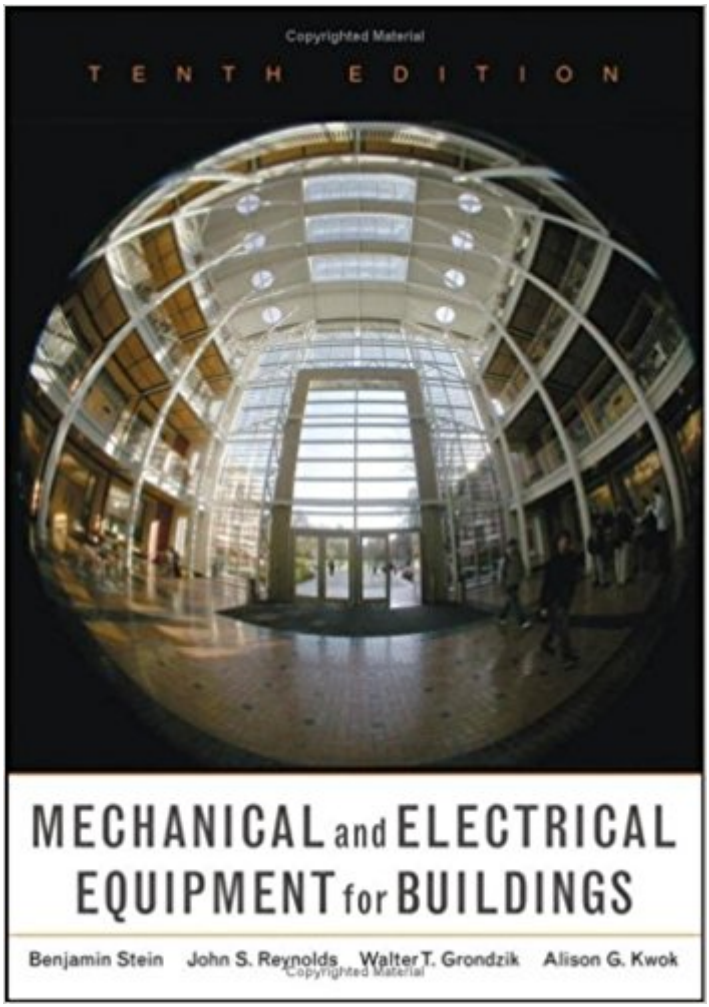
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Continuing its proud heritage, this Tenth Edition provides thorough coverage of the latest in the theory and practice of environmental control system design. This bestselling book encompasses mechanical and electrical systems for buildings of all sizes, featuring design guidelines and detailed design procedures for every topic covered and supported by more than 2,200 illustrationsÃ¢â ¬â •over 225 new to this edition!

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Two-time winner of the AIA's Citation for Excellence in International Architecture Book Publishing The updated edition of the definitive guide to the design of environmental control systems Mechanical and Electrical Equipment for Buildings has been a fixture in architecture and construction firms all over the world for more than half a century. It has launched the careers of generations of students and served as a reliable reference for seasoned professionals. Continuing its proud heritage, this Tenth Edition provides thorough coverage of the latest in the theory and practice of environmental control system design. This bestselling book encompasses mechanical and electrical systems for buildings of all sizes, featuring design guidelines and detailed design procedures for every topic covered and supported by more than 2,200 illustrations—over 225 new to this edition! It also includes information on acoustics, current technologies, new and emerging design trends, and updated codes and standards—and its superb illustrations, tables, and high-quality photographs provide a quick reference for both students and busy

professionals.

BENJAMIN STEIN is a consulting engineer with more than fifty years of experience in all phases of environmental control system design. He currently resides in Jerusalem, Israel. JOHN S. REYNOLDS, AIA, is Professor Emeritus of Architecture at the University of Oregon, Eugene, and a registered architect in private practice. WALTER T. GRONDZIK, PE, is Professor in the School of Architecture at Florida A&M University in Tallahassee, Florida. ALISON G. KWOK, PhD, is an Associate Professor in the Department of Architecture at the University of Oregon, Eugene.

I came across this book preparing Architectural Registration Exam (ARE).I have to say that this book is an essential for architectswho are preparing MEP (Mechanical/Electrical/Plumbing)section of the ARE.The book is divided into basically nine sections.1. design context2. thermal comfort3. illumination4. acoustics5. water/waste6. fire protection7. electricity8. signal equipment9. transportationIt describes various systems of each section with prettyaccessible narrative.Abundance in graphics and diagrams is very helpful.The book is extremely helpful in understanding where eachkit of parts fit into the overall building systems.For instance, I heard about AHUs/ cooling towers/ refrigerationcycle/ boilers/ duct systems/ etc. , but I never knew howthey fit and interconnect to one and another. The book, beingencyclopedic in its contents, really helps to overcome that.The book also pays particular attention to the "sustainable"agendas and strategies.

MEEB, I’ve spent so many nights staring into your soul.Trying to make sense of your dense graphs.Trying to find the water and air paths.You’ve been there for me, you learning tool.In the end we have to part.You must know that It’s me not you.For you are truly a work of art.The most exciting and boringest book I ever knew.

this book is essential for passing the BD-CS portion of the ARE. i read the entire thing -- all 3" -- and although it took forever (2 months) and felt like information overload at the time, i was very prepared for the difficult electrical and mechanical process questions that the ARE exam threw at me. i had 3 years of internship experience at age 28, post college. i passed the exam first time -- along with all the other ARE exams the first time around -- and am now licensed in Alabama. take it from me, this is a very eye-opening read and definitely worth the time. also, this book is referred to as the "MEEB" book on all the archi user websites.

I have been referencing past editions of this book for years. It’s the bible to architects for understanding this subject matter. It covers more then the title suggests including overall design strategy for site and building, passive design for the building environment, acoustics, illumination and day-lighting, water conservations systems, vertical building transportation systems and design, fire protection and suppression design, along with the active mechanical and electrical systems design and equipment technology that the title suggests. It is one of the core reference books for the architect’s library and others related to building construction. This new addition updates to the latest technology, and sustainable design practices. Another great book for passive design related to building arrangement and form isÃ Â Sun, Wind & Light: Architectural Design Strategies, 2nd Edition

When not using MEEB as a paperweight I found its high density and 6 inch depth was more practical for getting things off the top shelf than my previous solution (Webster’s dictionary). In addition it gave me a great workout lugging it back and forth from class, and the hundred+ dollars I spent on it prevented me from buying groceries the following two weeks, What a Great Diet plan!!!But seriously if they could just make this an E-book that would be great.

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