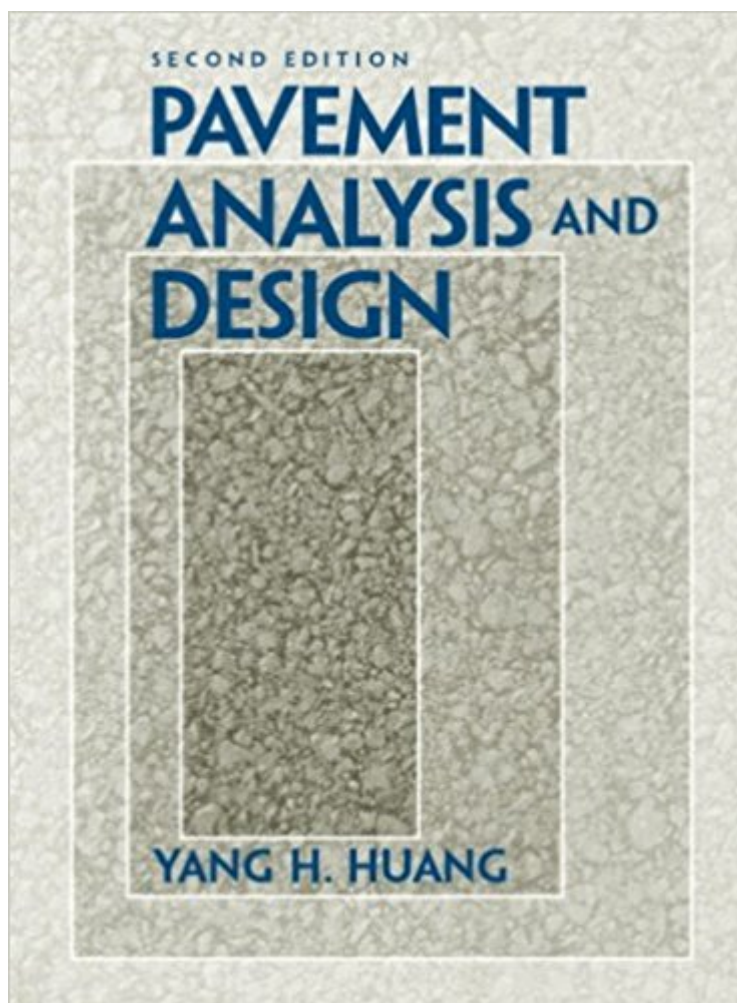The book was found

Pavement Analysis And Design (2nd Edition)

Synopsis

This up-to-date book covers both theoretical and practical aspects of pavement analysis and design. It includes some of the latest developments in the field, and some very useful computer softwareâ"developed by the authorâ"with detailed instructions. Specific chapter topics include stresses and strains in flexible pavements, stresses and deflections in rigid pavements, traffic loading and volume, material characterization, drainage design, pavement performance, reliability, flexible pavement design, rigid pavement design, design of overlays, theory of viscoelasticity, theory of elastic layer systems, Superpave, pavement management systems, and an introduction to the 2002 Pavement Design Guide. For practicing engineers in the design of pavements and raft foundations.

Book Information

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Average Customer Review: 4.1 out of 5 starsÂ Â See all reviewsÂ (18 customer reviews)

Best Sellers Rank: #653,661 in Books (See Top 100 in Books)   #62 inÂ Books > Engineering & Transportation > Automotive > Repair & Maintenance > Vehicle Design & Construction   #151 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Transportation #297 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural

Customer Reviews

Overall, the book is helpful. It starts off discussing the general pavement types, design methods, and roads tests. Included in this section are the results of findings which, although not something I consider in everyday design, are items that are interesting enough to promote thought in my designs. All in all, I found almost all the chapters useful as they cover stresses in flexible and rigid pavements, rigid and flexible pavement design, drainage design, pavement performance, as well as a few other issues.The only downfall are the two chapters covering the authors computer program. Most books have this problem, though, as technology quickly outgrows software, but enough information is given in relation to results of parametric studies to make these chapters worth the

time needed to read through them.All in all, a pretty good purchase.

This is probably the best, most comprehensive textbook on pavement analysis and design available currently. It is very thorough, and I highly recommend it for both students and practicing professionals.

So what I can say about this book? It's simply the best. From very basic to advance pavement design, this book is full of theroetical concerns about the pavement design as well as empirical methods for special pavements. It also includes a software to simulate a road different layers behaviour when loads applied on top. Very useful and, in my opinion, a must-have for those engineers who work in this bussiness.

It is a very detailed text-book containing full description of the methods used. It distributes also the KENPAVE software which is the State-of-the-Art software for Pavements. It also cites and criticizes the Westergaard's solution as it has been reconsindered by Ioannides et al. It is absolutely necessary for the engineers occupying with science and practice.

Even it is not up to date (the new ME-PDG), but it can be a good reference, but it contains detailed historical information and some methodolgies that no longer in use, it is better for undergraduate students.

Best book on Pavement design I have yet seen.

Pretty good book for Pavement analysis and designs. The only drawback is I didn't get the software CD from the seller!!

I recomend it! excelent book. Complete and actual.I bought it in USA and i was send to Brazil. It arrived in less then one week!

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Principles of Pavement Engineering Advancing Airfield Pavements: Proceedings of the 2001 Airfield Pavement Specialty Conference, August 5-8, 2001, Chicago, Illinois Feng Shui: Wellness and Peace- Interior Design, Home Decorating and Home Design (peace, home design, feng shui, home, design, home decor, prosperity) Safety Instrumented Systems: Design, Analysis, and Justification, 2nd Edition Microwave Transistor Amplifiers: Analysis and Design (2nd Edition) Failure of Materials in Mechanical Design: Analysis, Prediction, Prevention, 2nd Edition Costume Design 101 - 2nd edition: The Business and Art of Creating Costumes For Film and Television (Costume Design 101: The Business & Art of Creating) Engineering Design Communications: Conveying Design Through Graphics (2nd Edition) Bathroom Design/Badezimmer Design/Design De Salle De Bains/Banos De Diseno (Designpocket) (Multilingual Edition) Refining Design for Business: Using analytics, marketing, and technology to inform customer-centric design (Graphic Design & Visual Communication Courses) Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) 2012 Wood Design Package - including the National Design SpecificationÃ Â® for Wood Construction (NDSÃ Â®) & NDS Supplement: Design Values for Wood Construction (4 volumes set) Practical Introduction to Data Structures and Algorithm Analysis (C++ Edition) (2nd Edition) Windows Forensic Analysis Toolkit, Third Edition: Advanced Analysis Techniques for Windows 7