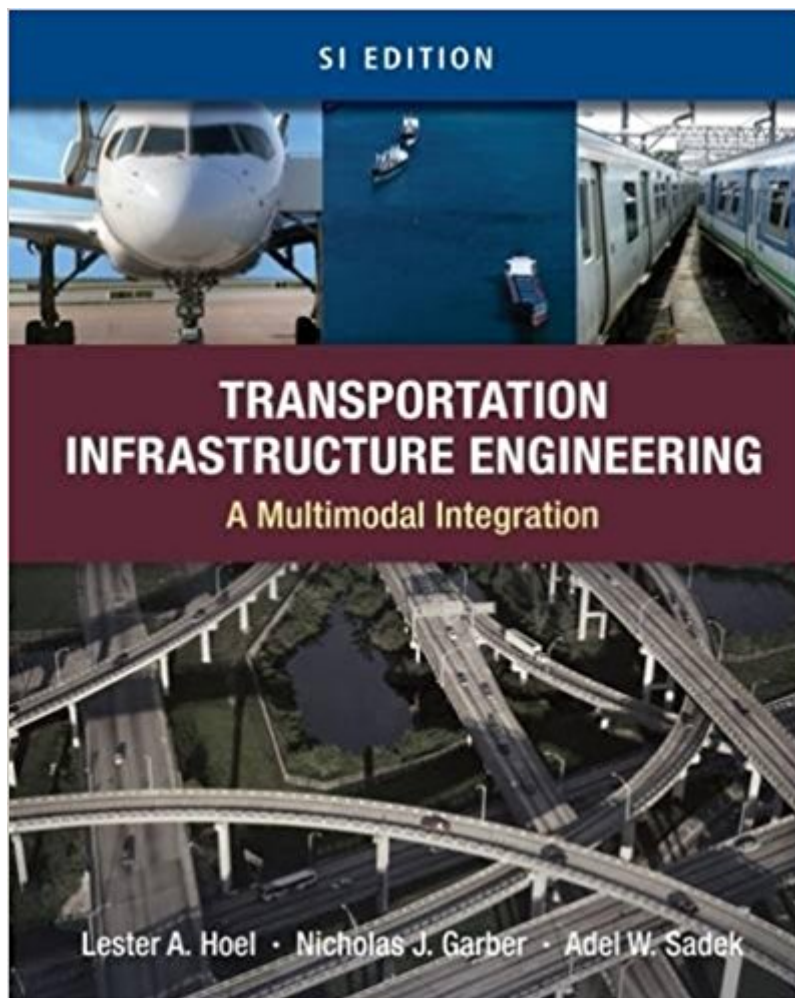




The book was found

Transportation Infrastructure Engineering: A Multimodal Integration, SI Version



Synopsis

Transportation Infrastructure Engineering: A Multimodal Integration, intended to serve as a resource for courses in transportation engineering, emphasizes transportation in an overall systems perspective. It can serve as a textbook for an introductory course or for upper-level undergraduate and first-year graduate courses. This book, unlike the widely used textbook, Traffic and Highway Engineering, serves a different purpose and is intended for a broader audience. Its objective is to provide an overview of transportation from a multi-modal viewpoint rather than emphasizing a particular mode in great detail. By placing emphasis on explaining the environment in which transportation operates, this book presents the "big picture" to assist students in understanding why transportation systems operate as they do and the role they play in a global society.

Book Information

Paperback: 688 pages

Publisher: CL Engineering; 1 edition (March 23, 2010)

Language: English

ISBN-10: 0495667897

ISBN-13: 978-0495667896

Product Dimensions: 7.3 x 1.2 x 9 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #585,536 in Books (See Top 100 in Books) #127 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Transportation](#) #456 in [Books > Computers & Technology > Graphics & Design > CAD](#) #601 in [Books > Textbooks > Engineering > Civil Engineering](#)

Customer Reviews

"I very much like the multimodal approach that the authors have adopted in this textbook in which the topics are organized by themes rather than the modes. Unlike recent editions of similar textbooks on transportation engineering, this book truly adopts the multimodal approach to pedagogy."

Lester A. Hoel is the L.A. Lacy Distinguished Professor Emeritus of Engineering and the Director of the Center for Transportation Studies at the University of Virginia. He held the Hamilton Professorship in Civil Engineering from 1974-99. From 1974-89 he was Chairman of the

Department of Civil Engineering. Previously he was Professor of Civil Engineering and Associate Director, Transportation Research Institute at Carnegie Mellon University and on the faculty at San Diego State University. He also was principal engineer with Wilbur Smith and Associates and visiting professor at the Norwegian Technical University and the University of California at Irvine and a visiting scholar at the University of California at Berkeley. Nicholas J. Garber is a Professor of Civil Engineering at the University of Virginia where he has been a member of the faculty since September of 1980. Before joining the University of Virginia, Dr. Garber was a Professor of Civil Engineering in the Faculty of Engineering of the University of Sierra Leone, where he was also the Dean of the Faculty of Engineering. At the State University of New York at Buffalo, he played an important role in the development of the graduate program in Transportation Engineering. For several years, he was a design engineer for consulting engineering firms in London, and also worked as an Area Engineer and Assistant Resident Engineer in Sierra Leone. Dr. Adel Sadek is an Associate Professor in the School of Engineering at the University of Vermont, with a secondary appointment in the Department of Computer Science. His teaching and research interests are in the areas of Transportation Systems Modeling and Simulation, Intelligent Transportation Systems, Computational Intelligence Applications, and Transportation Planning and Infrastructure Management. He has extensive research experience in the application of computer simulation to transportation systems modeling and analysis. Dr. Sadek is the recipient of the 1998 Milton Pilarsky Award for the best dissertation in the field of Transportation Science and Technology and is also a member of the Advanced Technologies Committee of the American Society of Civil Engineers.

Very good textbook with an integrated and interesting approach to transportation infrastructures analysis. I appreciate the number of simple exercises that helps in the comprehension of theories.

[Download to continue reading...](#)

Transportation Infrastructure Engineering: A Multimodal Integration, SI Version Transportation Infrastructure Engineering: A Multimodal Integration Fundamentals of Transportation Engineering: A Multimodal Systems Approach Global Supply Chains: Evaluating Regions on an EPIC Framework
Economy, Politics, Infrastructure, and Competence: EPIC
Economy, Politics, Infrastructure, and Competence Lord of the Infrastructure: A Roadmap for IT Infrastructure Managers Move: How to Rebuild and Reinvent America's Infrastructure: Putting America's Infrastructure Back in the Lead M&A Integration: How To Do It. Planning and delivering M&A integration for business success Pinch Analysis and Process Integration, Second Edition: A User Guide on Process Integration for the Efficient Use of Energy

Means of Transportation and Registration of Nationality: Transportation Registered by International Organizations Michael Brein's Guide to Amsterdam by the Tram (Michael Brein's Guides to Sightseeing By Public Transportation) (Michael Brein's Guides to Sightseeing ... to Sightseeing By Public Transportation) Michael Brein's Guide to Honolulu & Oahu by TheBus (Michael Brein's Guides to Sightseeing by Public Transportation) (Michael Brein's Travel Guides to Sightseeing By Public Transportation) Writer/Designer: A Guide to Making Multimodal Projects Multimodal Cardiovascular Imaging: Principles and Clinical Applications Critical Infrastructure Security: Assessment, Prevention, Detection, Response (WIT Transactions on State-of-the-art in Science and Engineering) Engineering the City: How Infrastructure Works, Projects and Principles for Beginners Engineering the City: How Infrastructure Works Sustainable Infrastructure: The Guide to Green Engineering and Design Dynamic Response of Infrastructure to Environmentally Induced Loads: Analysis, Measurements, Testing, and Design (Lecture Notes in Civil Engineering) Introduction to Infrastructure: An Introduction to Civil and Environmental Engineering Transportation Engineering and Planning (3rd Edition)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)