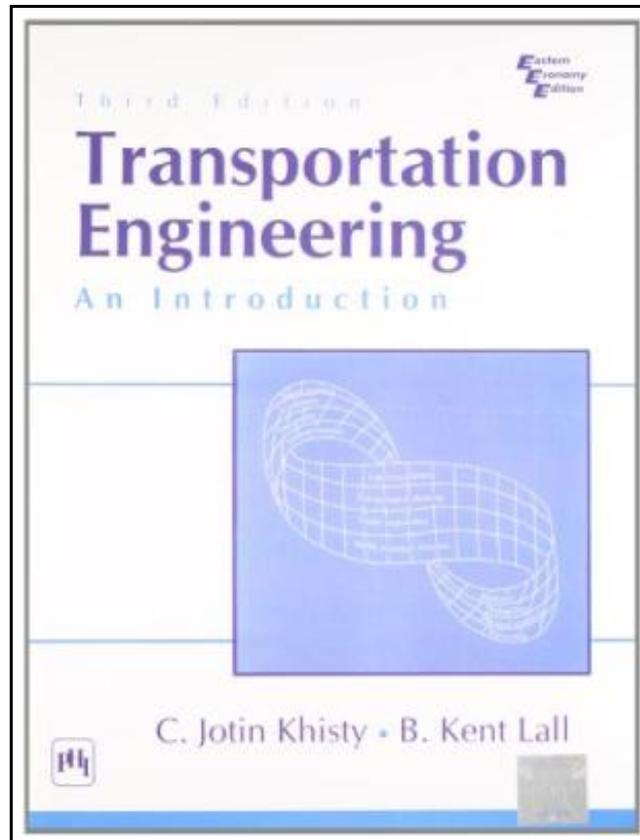


Transportation Engineering: An Introduction, Third Edition



Filesize: 1.09 MB

Reviews

This is basically the finest publication i actually have go through till now. We have read and i also am confident that i am going to likely to read through again once more in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Prof. Adell Lubowitz)

TRANSPORTATION ENGINEERING: AN INTRODUCTION, THIRD EDITION



PHI Learning, 2003. Softcover. Book Condition: New. 3rd edition. 18 x 24 cm. This book offers a detailed, current and interdisciplinary introduction to transportation engineering, planning, and management. The primary audience for this textbook is undergraduate and postgraduate students in civil engineering, as well as those in urban planning, economics, management, and other related disciplines. Professionals working in the field of transportation would also find this book useful. It is a thoroughly updated edition incorporating material from the latest Highway Capacity Manual 2000, as well as the AASHTO Manual. Pragmatic in approach, the book provides both students and practitioners with an unusually wide spectrum of topics from such areas as transportation economics, land-use planning, traffic flow, geometric design, highway capacity and facility design, public transportation, energy considerations in urban transportation planning, evaluation of transportation projects, and safety issues. The basic concepts and design principles are illustrated through a variety of worked examples. While numerical problem solving has been emphasized, the need to substantiate these numerical results, buttressed by proper explanations and discussions, has been duly illustrated. Several exercises at the end of chapters are the open-ended type questions requiring creativity and critical thinking. CONTENTS: Preface to the Third Edition. Preface to the First Edition. 1. Transportation as a System. 2. Transportation Economics. 3. The Land-Use/Transportation System. 4. Vehicle and Human Characteristics. 5. Traffic Flow Characteristics. 6. Geometric Design of Highways. 7. Highway Capacity. 8. Intersection Control and Design. 9. At-Grade Intersection Capacity and Level of Service. 10. Public Passenger Transportation. 11. Urban Transportation Planning. 12. Local Area Traffic Management. 13. Energy Issues Connected with Transportation. 14. TSM Planning: Framework. 15. Evaluation of Transportation Improvement. 16. Transportation Safety. Appendixes: A-Elements of Engineering Economics. B-Application of Probability and Statistics. C-General Statistics on Transportation System and Use in United States. D-Conversion Tables for...



[Read Transportation Engineering: An Introduction, Third Edition Online](#)



[Download PDF Transportation Engineering: An Introduction, Third Edition](#)

Other eBooks



America s Longest War: The United States and Vietnam, 1950-1975

McGraw-Hill Education - Europe, United States, 2013. Paperback. Book Condition: New. 5th. 206 x 137 mm. Language: English . Brand New Book. Respected for its thorough research, comprehensive coverage, and clear, readable style, America s...

[Download Document »](#)



Johnny Goes to First Grade: Bedtime Stories Book for Children s Age 3-10. (Good Night Bedtime Children s Story Book Collection)

Createspace, United States, 2013. Paperback. Book Condition: New. Malgorzata Gudziuk (illustrator). Large Print. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do you want to ease tension preschoolers have...

[Download Document »](#)



Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 146 Publisher: Higher Education Pub. Date :2009-07-01 version 2. This book is...

[Download Document »](#)



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Download Document »](#)



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Download Document »](#)