CONTENTS

Special Issue on Design and Operation of Social Infrastructure  
—From Viewpoint of Mathematical Programming to System Design

Review
Present State and Future of System Planning Technology  
in Social Infrastructure Engineering  
Hitoshi FURUTA 411

Expository Articles
The Environmental Problems in Logistics and a Proposal for its Countermeasures  
Tadayuki MASUI 418
Efficient Management for Electric Vehicle Infrastructure  
Hiroshi MORITA and Misayo KOBAYASHI 427
An Autonomous Smart Grid System for Local Production  
and Consumption of Renewable Energy  
Kazutoshi SAKAKIBARA 433
Fuzzy Travel Behaviour Model for Urban Transport Planning  
Takamasa AKIYAMA 442
Design of Multi-Stage Logistics System with Simultaneous Consideration  
of Delivery Locations and Shipment Volume  
Masahiro ARAKAWA 448
Systems Optimization Technology for Railway Transportation  
Satoru TAKAHASHI and Tatsushi NISHI 454

Editorial Essay
Masahiro ARAKAWA and Tatsushi NISHI 460

Questions and Answers
Stereo Vision & 3D Television  
Ryutaro OI 461