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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited And Regular Papers -- Model Checking Of Energy Consumption Behavior / Shin Nakajima -- Unisense: A Unified And Sustainable Sensing And Transport Architecture For Large Scale And Heterogeneous Sensor Networks / Yunye Jin, Hwee Pink Tan -- Black-Box Optimization Of Lighting Simulation In Architectural Design / Alberto Costa, Giacomo Nannicini, Thomas Schroepfer, Thomas Wortmann -- Aligning Cyber-Physical System Safety And Security / Giedre Sabaliauskaite, Aditya P. Mathur -- Singapore Road Vehicle Fleet Evolution / Wei Wei, Lynette Cheah -- Design And Management Of Flexible On-Shore Lng Production Engineering Systems / Michel-Alexandre Cardin, Mehdi Ranjbar-Bourani, Richard De Neufville -- Optimising Complex

Networked Systems Availability / Siew Yen Cheng, Yong Huang Seah -- Engineering Singapore'S Land Transport System / Eng Seng Chia -- Domain-Spanning Change Propagation In Changing Technical Systems / Wolfgang Bauer, Chucholowski Nepomuk, Udo Lindemann, Maik Maurer -- Policy Design, Planning, And Management In Global Systems Science / Jeffrey Johnson -- Thinking About The Future Of Complex Technological Systems: Which Technologies Should Shape Their Designs? / Jeffrey L. Funk.

Sommario/riassunto

This book contains all refereed papers that were accepted to the first edition of the Asia-Pacific conference on « Complex Systems Design & Management » (CSD&M Asia 2014) that took place in Singapore from December 10 to December 12, 2014 (Website: <http://www.2014.csdm-asia.net/>). These proceedings cover the most recent trends in the emerging field of Complex Systems, both from an academic and a professional perspective. A special focus is put on Designing Smart cities. The CSD&M Asia 2014 conference is organized under the guidance of the Center of Excellence on Systems Architecture, Management, Economy and Strategy, CESAMES, non-profit organization, address: CESAMES, 8 rue de Hanovre, 75002 Paris, France (Website : <http://www.cesames.net/en>).
