1. Record Nr. UNISANNIOTO00312850

Autore	Stanley, Richard P. <1944->
Titolo	Enumerative combinatorics / Richard P. Stanley
Pubbl/distr/stampa	Monterey, CA, : Wadsworth & Brooks/Cole (poi) Cambridge [etc.], : Cambridge university press
Descrizione fisica	v. ; 24 cm.
Disciplina	511 511.6 511.62
Soggetti	Analisi combinatoria
Collocazione	SALA DING 511 STA.en
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910299624403321

Titolo	Climate Change, Energy, Sustainability and Pavements / / edited by Kasthurirangan Gopalakrishnan, Wynand JvdM Steyn, John Harvey
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-662-44719-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (517 p.)
Collana	Green Energy and Technology, , 1865-3529
Disciplina	625.85
Soggetti	Renewable energy resources Climatic changes Transportation Renewable and Green Energy Climate Change Management and Policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	From the Contents: Pavement Life Cycle Assessment -- Application of LCA Results to Network-level Highway Pavement Management -- The Product Process Service Life Cycle Assessment Framework to Estimate GHG Emissions for Highways -- Anticipating and Responding to Pavement Performance as Climate Changes -- Climate Change Scenarios and their potential effects on Transportation Infrastructure Systems. .
Sommario/riassunto	Climate change, energy production and consumption, and the need to improve the sustainability of all aspects of human activity are key inter-related issues for which solutions must be found and implemented quickly and efficiently. To be successfully implemented, solutions must recognize the rapidly changing socio-techno-political environment and multi-dimensional constraints presented by today’s interconnected world. As part of this global effort, considerations of climate change impacts, energy demands, and incorporation of sustainability concepts have increasing importance in the design, construction, and maintenance of highway and airport pavement systems. To prepare the human capacity to develop and implement these solutions, many

educators, policy-makers and practitioners have stressed the paramount importance of formally incorporating sustainability concepts in the civil engineering curriculum to educate and train future civil engineers well-equipped to address our current and future sustainability challenges. This book will prove a valuable resource in the hands of researchers, educators and future engineering leaders, most of whom will be working in multidisciplinary environments to address a host of next-generation sustainable transportation infrastructure challenges. "This book proposes a broad detailed overview of the actual scientific knowledge about pavements linked to climate change, energy and sustainability at the international level in an original multidimensional/multi-effects way. By the end, the reader will be aware of the whole global issues to care about for various pavement technical features around the world, among which the implications of modelling including data collection, challenging resources saving and infrastructures services optimisation. This is a complete and varied work, rare in the domain." Dr. Agnes Jullien Research Director Director of Environmental, Development, Safety and Eco-Design Laboratory (EASE) Department of Development, Mobility and Environment Ifsttar Centre de Nantes Cedex- France.