

1. Record Nr.	UNINA9910455314603321
Titolo	Analysis of asphalt pavement materials and systems [[electronic resource]] : emerging methods : proceedings of the Symposium on the Mechanics of Flexible Pavements, June 25-30, 2006, Boulder, Colorado // edited by Linbing Wang, Eyad Masad
Pubbl/distr/stampa	Reston, Va., : American Society of Civil Engineers, c2007
ISBN	0-7844-7192-4
Descrizione fisica	1 online resource (182 p.)
Collana	Geotechnical special publication ; ; no. 176
Altri autori (Persone)	WangLinbing <1963-> MasadEyad
Disciplina	625.8/5
Soggetti	Pavements, Asphalt Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Sponsored by Pavements Committee of the Geo-Institute of the American Society of Civil Engineers, the Inelastic Committee and the Granular Materials Committee of the ASCE Mechanics Division."
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	""Cover""; ""Contents""; ""Stress Concentration Factor as a Performance Indicator for Asphalt Mixes""; ""Aggregate Effect on Asphalt Mixture Properties by Modeling Particle-to-Particle Interaction.""; ""Investigation of Linear and Damage-Coupled Viscoelastic Properties of Sustainable Asphalt Mixture Using a Micromechanical Finite Element Approach""; ""Estimation of the Stiffness of Asphalt Mastics Using Hirsch Model""; ""Fundamental Mechanics of Asphalt Compaction through FEM and DEM Modeling""; ""Analysis of Nonlinear Viscoelastic Properties of Asphalt Mixtures"" ""The Temperature Dependent Generalized Kuhn Model for Asphalt Concrete""""Laboratory Validation of Viscoelastic Interconversion for Hot Mix Asphalt""; ""A Laboratory Study on Cracking Potential of Binder Course Asphalt Mixtures Used in Semi-Rigid Pavements""; ""Effect of the Relative Root-Mean-Square Error on Pavement Response""; ""Considerations for Nonlinear Analyses of Pavement Foundation Geomaterials in the Finite Element Modeling of Flexible Pavements""; ""Evaluation of Geogrid Benefits Using Monotonic and Repeated Load Triaxial Tests""; ""Permanent Deformation of Subgrade Soils""

