

1. Record Nr.	UNINA9910455552003321
Titolo	Pavements and materials [[electronic resource]] : modeling, testing, and performance : proceedings of the Symposium on Pavement Mechanics and Materials at the inaugural International Conference of the Engineering Mechanics Institute : May 18-21, 2008, Minneapolis, Minnesota // sponsored by the Pavements Committee of the Geo-Institute of the American Society of Civil Engineers ... [et al.] ; edited by Zhanping You, Ala R. Abbas, Linbing Wang
Pubbl/distr/stampa	Reston, Va., : American Society of Civil Engineers, GEO Institute, c2009
ISBN	0-7844-7261-0
Descrizione fisica	1 online resource (174 p.)
Collana	Geotechnical special publication ; ; no. 184
Altri autori (Persone)	YouZhanping AbbasAla R WangLinbing <1963->
Disciplina	625.8
Soggetti	Pavements Road materials Pavements - Performance Pavements, Asphalt Electronic books.
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 and indexes.
Nota di contenuto	""Cover""; ""Contents""; ""State of the Art: Anisotropic Characterization of Unbound Aggregate Layers in Flexible Pavements""; ""Computational Micromechanics Modeling for Damage-Induced Behavior of Asphalt Mixtures Considering Viscoelasticity and Cohesive Zone Fracture""; ""Determining Burger's Model Parameters of Asphalt Materials Using Creep-Recovery Testing Data""; ""Cracking in Asphalt Concrete under Wet and Dry Conditions""; ""Accounting for Self-Equilibrating Stresses Due to Non-Linear Temperature Profiles in Rigid Pavements"" ""Small Scale Accelerated Pavement Testing in the Laboratory for the Fatigue Characterization of Hot Mix Asphalt"" ""Dynamic Response of Rigid Pavements Due to Moving Vehicle Load with Acceleration""; ""A Simple Method to Determine the Tertiary Flow in Repeated Load Test: A

Step-Wise Method"; "Effects of Aggregate Gradation and Asphalt Binder on the Visco-Elastic Behavior of Asphalt Matrix"; "A Proposed New Method for Roughness Quantification of Concrete Joints and Cracks"; "Modeling of Hollow Cylindrical Asphalt Mixture Specimens"
"Finite Incremental Constitutive Equations for the SHRP Viscoplasticity Model"
"A Large Deformation Finite Element Formulation for Subgrade Soil Compaction"; "Analysis of the Dynamic Responses of CRCP and CRCP+AC under the Vehicle Loading by FEM"; "Rheological Properties of Performance Grade Binders Using a Dynamic Mechanical Analyzer"; "Analysis of Flexible Pavement Distresses on IRI Model"; "Author Index"; "Subject Index"
