

1. Record Nr.	UNINA9910796964903321
Titolo	The analytics revolution in higher education : big data, organizational learning, and student success // edited by Jonathan S. Gagliardi, Amelia Parnell, and Julia Carpenter-Hubin ; foreword by Randy L. Swing
Pubbl/distr/stampa	Sterling, Virginia : , : Stylus Publishing, LLC, , [2018] ©2018
ISBN	1-000-98142-8 1-000-97616-5 1-003-44756-2 1-62036-578-2
Edizione	[First edition.]
Descrizione fisica	1 online resource (240 pages)
Disciplina	378.007
Soggetti	Education, Higher - Research - United States - Data processing Education, Higher - Research - United States - Statistical methods Educational statistics - United States Universities and colleges - United States - Administration - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The analytics revolution in higher education / Jonathan S. Gagliardi -- Higher education decision support : building capacity, adding value / Daniel Cohen-Vogel -- Cultural and organizational structures and functions of institutional research / Julia Carpenter-Hubin and Jason Sullivan -- Data analytics for student success : elaborate profusion of institutional research into student affairs / Amelia Parnell -- The IT-IR nexus : three essentials for driving institutional change through data and analytics / Timothy Chester -- Pursuit of analytics and the challenge of organizational change management for institutional research / Angela Y. Baldasare -- Enrollment to career : dynamics of education and the workforce / Stephanie Bond-Huie -- State system research : increasing products, data, roles, and stakeholders / Angela Bell -- Moving from data to action : changing institutional culture and behavior / Desdemona Cardoza and Jeff Gold -- New and emerging

frameworks for decision analytics : a data governance perspective / Ronald L. Huesman and Steve A. Gillard -- Examining how the analytics revolution matters to higher education policy makers : data analytics, systemness, and enabling student success / Jason E. Lane -- Evolving from reflective to predictive : Montgomery Community College and analytics / Celeste Schwartz, Kent Phillippe, David Kowalski, and Angela Polec -- Unpacking the messiness of harnessing the analytics revolution / Jonathan S. Gagliardi.

2. Record Nr.	UNINA9911006653203321
Titolo	Dynamic soil-structure interaction : current research in China and Switzerland // edited by Zhang Chuhan and John P. Wolf
Pubbl/distr/stampa	Amsterdam ; ; New York, : Elsevier, 1998
ISBN	1-281-11955-5 9786611119553 0-08-053058-3
Descrizione fisica	1 online resource (335 p.)
Collana	Developments in geotechnical engineering ; ; 83
Altri autori (Persone)	ZhangChuhan WolfJohn P
Disciplina	624.1/5136
Soggetti	Soil-structure interaction Soil-structure interaction - Research - China Soil-structure interaction - Research - Switzerland
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Proceedings of the Chinese-Swiss Workshop on Soil-Structure Interaction, held July 14-18, 1997, at Tsinghua University, Beijing.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Dynamic Soil-Structure Interaction; Copyright Page; Preface; Contents; Chapter 1. Simple Physical Models for Foundation Dynamics; Chapter 2. The Scaled Boundary Finite-Element Method-Alias Consistent Infinitesimal Finite-Element Cell Method-for Unbounded Media; Chapter 3. Effects of Soil-Structure Interaction on Nonlinear Response of Arch Dams; Chapter 4. Application of Transmitting Boundaries to Non-Linear Dynamic Analysis of an Arch Dam-Foundation-Reservoir System; Chapter 5. A Decoupling Numerical

Simulation of Wave Motion

Chapter 6. Scattering of Plane SH Waves by Cylindrical Surface Topography of Circular-Arc Cross-Section
Chapter 7. Applications of Infinite Elements to Dynamic Soil-Structure Interaction Problems;
Chapter 8. Non-Reflecting Boundary Conditions for Wave Propagation Problems and Their Stability Analysis;
Chapter 9. Boundary Element Method for SH Waves in Elastic Half Plane with Stochastic and Heterogeneous Properties;
Chapter 10. Effects of Soil-Structure Interaction on Structural Vibration Control;
Chapter 11. Dynamic Soil-Structure Interaction for High-Rise Buildings
Chapter 12. Nonlinear Dynamic Analysis of Saturated Soil-Structure Interaction by FEM
Chapter 13. Dynamic Soil-Structure Interaction on Layered Strata under Seismic Wave Incidence;
Chapter 14. Nonlinear SSI-Simplified Approach, Model Test Verification and Parameter Studies for Seismic and Air-Blast Environment;
Chapter 15. A Direct Method for Analysis of Dynamic Soil-Structure Interaction Based on Interface Idea;
Chapter 16. An Analytical Approach for Evaluation of Global Dynamic Impedance of Semi-Circular Dam Canyon Cut in an Elastic Half-Space
Chapter 17. A Coupling Model of FE-BE-IE-IBE for Nonlinear Layered Soil-Structure Interactions
Chapter 18. A Hybrid Procedure of Distinct-Boundary Element for Discrete Rock Dynamic Analysis;
Author Index

Sommario/riassunto

Dynamic Soil-structure interaction is one of the major topics in earthquake engineering and soil dynamics since it is closely related to the safety evaluation of many important engineering projects, such as nuclear power plants, to resist earthquakes. In dealing with the analysis of dynamic soil-structure interactions, one of the most difficult tasks is the modeling of unbounded media. To solve this problem, many numerical methods and techniques have been developed. This book summarizes the most recent developments and applications in the field of dynamic soil-structure interaction, both in
