1. Record Nr. UNINA9910452838603321

Autore	Milkowski Marcin
Titolo	Explaining the computational mind [[electronic resource] /] / Marcin Milkowski
Pubbl/distr/stampa	Cambrid, Massachusetts, : MIT Press, c2013
ISBN	1-299-45773-8 0-262-31391-X
Descrizione fisica	1 online resource (257 p.)
Disciplina	612.8/233
Soggetti	Cognitive neuroscience - Data processing Computational neuroscience Computational complexity 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 (p. 209-232) and index.
Nota di contenuto	Contents; Preface; Acknowledgments; 1 Computation in Cognitive Science: Four Case Studies and a Funeral; 2 Computational Processes; 3 Computational Explanation; 4 Computation and Representation; 5 Limits of Computational Explanation; Notes; References; Index
Sommario/riassunto	In this work, Marcin Milkowski argues that the mind can be explained computationally because it is itself computational - whether it engages in mental arithmetic, parses natural language, or processes the auditory signals that allow us to experience music.

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Titolo	Computing in civil engineering : June 23-25, 2013, Los Angeles, California / / sponsored by Technical Council on Computing and Information Technology of the American Society of Civil Engineers ; edited by Ioannis Brilakis, SangHyun Lee, Burcin Becerik-Gerber
Pubbl/distr/stampa	Reston, Virginia : , : American Society of Civil Engineers, , [2013] ©2013
ISBN	0-7844-7790-6
Descrizione fisica	1 online resource (923 p.)
Altri autori (Persone)	BrilakisIoannis LeeSangHyun Becerik-GerberBurcin
Disciplina	624.0285
Soggetti	Computer-aided engineering Civil engineering - Data processing Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings of the 2013 ASCE International Workshop on Computing in Civil Engineering.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Cover""; ""Contents""; ""Resilience and Smart Structures""; ""A Stochastic Finite Element Approach to Determine the Safety of Suspension Bridge Cables""; ""Cyberinfrastructure Middleware and Analytical Tool Sets for Automated Mining of Massive Structural Health Monitoring Data Sets""; ""Spatiotemporal Dimensions of Network Density-Based Clustering for Water Pipe Maintenance""; ""Interpreting the Dynamics of Embankment Dams through a Time-Series Analysis of Piezometer Data Using a Non-Parametric Spectral Estimation Method"" ""A Novel Data Utilization and Control Strategy for Wireless Structural Control Systems with TDMA Network""""""An Iterative Convex Optimization Procedure for Structural System Identification""; ""Algorithmic and Computing Technologies for Health Assessment of Real Structures in the Presence of Nonlinearity and Uncertainty""; ""Computational Modeling of Glass Panels for Mitigating Injuries Due to Air Blast""; ""Computationally Efficient Control Design for a Smart

Structure with Uncertainty""

""Optimal Semiactive Control of Elevated Highway Bridges: An Upper Bound on Performance via a Dynamic Programming Approach""""" Control for Multiple Objectives in Different Magnitude Excitations""; ""Improving Substructure Identification Using Structural Control with Limited Sensor Measurements""; ""Sensor Network for Pavement Performance Monitoring""; ""Modeling of Nonlinear Guided Waves and Applications to Structural Health Monitoring""; ""Multivariate Analysis and Prediction of Wind Turbine Response to Varying Wind Field Characteristics Based on Machine Learning""

""Novel Sparse Bayesian Learning for Structural Health Monitoring Using Incomplete Modal Data""""Condition Assessment of Stay Cables Based on Laboratory Tests and Structural Health Monitoring""; ""Sustainability and Environment""; ""Systems Modeling Approach for Sustainable Infrastructure""; ""Information Exchange Requirements for Energy Audits in the Commercial Building Retrofit Sector""; ""Link Criticality Based on Most Probable Network States for Pre-Disaster Investment""; ""Demand Response in Buildings: Engaging Thermostatically Controlled Loads in the Power Grid""

""A Numerical DAE Approach for Solving a System Dynamics Problem""""" Using a Life Cycle Assessment Approach for Optimizing Multi-Objectives in Construction Projects""; ""An Expert System Based on OpenStudio Platform for Evaluation of Daylighting System Design""; ""Providing Systems Engineering Perspective in a Capstone Project Setting to Monitor Performance of HVAC Systems""; ""Epistemic Modeling for Sustainability Knowledge Management in Construction""; ""Lessons Learned from Developing Immersive Virtual Mock-Ups to Support Energy-Efficient Retrofit Decision Making""

""Personalized Thermal Comfort-Driven Control in HVAC-Operated Office Buildings""