

1. Record Nr.	UNINA9910483234503321
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Titolo	Adaptronics – Smart Structures and Materials [[electronic resource] /] / by Johannes Michael Sinapius
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer Vieweg, , 2021
ISBN	3-662-61399-9
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (472 pages)
Disciplina	624.1
Soggetti	Control engineering Robotics Mechatronics Engineering—Materials Electronics Microelectronics Control, Robotics, Mechatronics Materials Engineering Electronics and Microelectronics, Instrumentation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Principles of adaptronics -- Functional materials -- Adaptronic functional elements -- active shape control -- Active vibration control -- Control of adaptive structures -- Active noise control -- Integrated component monitoring. .
Sommario/riassunto	Adaptronics is a comparatively recent discipline of engineering sciences, which is characterized by a pronounced interdisciplinarity. The present book therefore offers an interdisciplinary view of adaptronic systems. Starting from the basic principles and variants of adaptronic systems as well as the functional materials, the different functional elements are explained. Subsequently, the gained knowledge is applied and deepened in the fields of active shape control, active vibration control and active vibroacoustics. A focus is thereby placed on current examples from research. The content introduction - principles of adaptronics - functional materials - adaptronic functional elements

- active shape control - active vibration control - control of adaptive structures - active noise control - integrated component monitoring. The target groups The book is aimed at students of engineering sciences and at practitioners in industry. The author Michael Sinapius received his doctorate at RWTH Aachen University and has been a scientist at the German Aerospace Center since 1989. From 2003 to 2011 he was professor for adaptive lightweight design at the Otto-von-Guericke University in Magdeburg. Since 2011 he is professor for adaptronic systems at the Technische Universität Braunschweig and holds the chair of the Institute for Adaptronics and Function Integration.

2. Record Nr.

Titolo

UNISA996465886703316

Database schema evolution and meta-modeling : 9th international workshop on foundations of models and languages for data and objects fomlado/demml 2000 dagstuhl castle, germany, september 18-21, 2000 selected papers / / edited by Herman Balsters, Bert de Brock, Stefan Conrad

Pubbl/distr/stampa

Berlin, Germany ; ; New York, United States : , : Springer, , [2001]

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ISBN

3-540-48196-6

Edizione

[1st ed. 2001.]

Descrizione fisica

1 online resource (X, 250 p.)

Collana

Lecture Notes in Computer Science, , 0302-9743 ; ; 2065

Disciplina

005.75

Soggetti

Object-oriented databases

Database management

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Bibliographic Level Mode of Issuance: Monograph

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Invited Talk -- Schema Evolution in SQL-99 and Commercial (Object-) Relational DBMS -- Regular Papers -- Consistency Management in Runtime Evolving Concurrent Information Systems: A Co-nets-Based Approach -- Adaptive Specifications of Technical Information Systems -- Evolving the Software of a Schema Evolution System -- Schema Evolution and Versioning: A Logical and Computational Characterisation

-- Temporal Branching as a Conflict Management Technique --
Evolving Relations -- QFD Matrix for Incremental Construction of a
Warehouse via Data Marts -- Change Propagation in an Axiomatic
Model of Schema Evolution for Objectbase Management Systems --
Evolving Objects: Conceptual Description of Adaptive Information
Systems -- Extending the Object Query Language for Transparent
Metadata Access -- A Metamodeling Approach to Evolution -- Defining
Metrics for Conceptual Schema Evolution.

Sommario/riassunto

The Ninth International Workshop on Foundations of Models and Languages for Data and Objects (FoMLaDO) took place in Dagstuhl Germany, Sept- ber 18{21, 2000. The topic of this workshop was Database schema Evolution and Meta-Modeling; this FoMLaDO Workshop was hence assigned the acronym DEMM 2000. These post-proceedings contain the revised versions of the accepted papers of the DEMM 2000 workshop. Twelve regular papers were accepted for inclusion in the proceedings. The papers address the following issues: { Consistency of evolving concurrent information systems { Adaptive specifications of technical information systems { Change propagation in schema evolution of object-based systems { Evolving software of a schema evolution system { Logical characterization of schema evolution { Conflict management in integrated databases { Evolving relation schemas { Conceptual descriptions of adaptive information systems { OQL-extensions for metadata access { Metamodeling of schema evolution { Metrics for conceptual schema evolution { Incremental datawarehouse construction In addition to the regular papers, there is an invited paper by Can Turk " er on schema evolution in SQL99 and (object-)relational databases. Acknowledgements: We wish to thank the program committee members for their work on reviewing the submitted papers. We also wish to thank all a- hors for submitting papers to this workshop. Moreover, all participants of the workshop are thanked for contributing to lively discussions. Thanks also to Elke Rundensteiner, who delivered an invited talk on the SERF-project concerning flexible database transformations.

3. Record Nr.	UNICAMPANIAVAN00298252
Titolo	Il bene culturale come fattore di riscatto sociale : la disciplina della Santa Croce a Forcella : restauri, implementazioni, approfondimenti e acquisizioni / a cura di Fanio Mangone
Pubbl/distr/stampa	Roma ; Napoli, : Paparo editori, 2025
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Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia