1. Record Nr. UNISA996386176303316

Autore	Phayer Thomas <1510?-1560.>
Titolo	A booke of presidents [[electronic resource]] : exactly written in maner of a register, newly corrected, with addicions of diuers necessary presidents, meete for all such, as desire to learne the fourme and maner howe to make all maner of euidences & instruments, as in the table of thys booke more playnely appeareth
Pubbl/distr/stampa	[London], : In ædibus Richardi Tottelli, Anno Domini 1572
Descrizione fisica	[16], 159 leaves
Soggetti	Conveyancing - Great Britain Forms (Law) - Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	By Thomas Phayer. Running title reads: The booke of sundry instrumentes. The last leaf is blank. Reproduction of the original in the Harvard University. Library.
Sommario/riassunto	eebo-0062

2. Record Nr. UNINA9910970352503321

Titolo	Computational fluid and solid mechanics 2003 : proceedings, Second MIT Conference on Computational Fluid and Solid Mechanics, June 17-20, 2003 / / editor, K.J. Bathe
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier, 2003
ISBN	1-281-74013-6 9786611740139 0-08-052947-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (2485 p.)
Altri autori (Persone)	BatheKlaus-Jurgen
Disciplina	620.1 531
Soggetti	Mechanics, Analytic - Data processing Fluid mechanics - Data processing
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	Front Cover; Computational Fluid and Solid Mechanics 2003; Copyright Page; Contents Volume 1; Preface; Session Organizers; Fellowship Awardees; Sponsors; Part I: Plenary; Chapter 1. Steel industry: simulation of production processes and product performance evaluation using finite element models; Chapter 2. Biological simulations at all scales: from cardiovascular hemodynamics to protein molecular mechanics; Chapter 3. Simulations of complex systems across multiple length scales; Chapter 4. The role of CAE in product development at Ford Motor Company Chapter 5. Nonlinear schemes and multiscale preconditioners for time evolution problems in constrained structural dynamicsChapter 6. A numerical method for large-eddy simulation in complex geometries; Chapter 7. Aerodynamic simulation in aerospace industry: status, needs and expectations from EADS; Chapter 8. Consequences of modeling on tire development; Part II: Solids & Structures; Chapter 9. Interactions between strip and beam elements of a hollow block slab system; Chapter 10. Structure-medium interaction simulations; Chapter 11. Nonlinear vibrations of circular cylindrical panels

Chapter 12. On the buckling mechanisms of large-scale shell structures made of high-strength concreteChapter 13. Nonlinear seismic response of a soil deposit using the Volterra series; Chapter 14. Membranes and rods from lattice films and chains: modeling and computations; Chapter 15. Multiscale modelling of crush behaviour of closed-cell aluminium foam; Chapter 16. A new hybrid formulation for laminated composite materials analysis; Chapter 17. Higher order terms for a crack terminating at the interface between mismatched solids
Chapter 18. Calculation of stress intensity factors for bimaterial notches - thermal stressesChapter 19. Phenomenological modelling of structural embrittlement in perforated plates; Chapter 20. Analysis of a partially closed oblique edge crack under surface travelling load; Chapter 21. Behaviour of small fatigue cracks emanating from notches in Ti-6A1-4V; Chapter 22. Bounding surface plasticity for cyclic loaded sand and its implementation; Chapter 23. Large strain time- and temperature-dependent modeling of PTFE
Chapter 24. Two-dimensional numerical simulations of magnetic domains in ferromagnetic microstructuresChapter 25. An impedance-based piezoelectric-structure interaction model for smart structure applications; Chapter 26. Development of a crashworthy subfloor concept for a commuter aircraft; Chapter 27. A microplane model for plane-stress masonry structures; Chapter 28. External forcing terms in energy-conserving based time integration algorithms; Chapter 29. Quasi-steady analysis of a two-dimensional bridge deck element; Chapter 30. An index reduction method in holonomic system dynamics
Chapter 31. Multiscale numerical simulation of rock slope instabilities

Sommario/riassunto

Bringing together the world's leading researchers and practitioners of computational mechanics, these new volumes meet and build on the eight key challenges for research and development in computational mechanics. Researchers have recently identified eight critical research tasks facing the field of computational mechanics. These tasks have come about because it appears possible to reach a new level of mathematical modelling and numerical solution that will lead to a much deeper understanding of nature and to great improvements in engineering design.The eight tasks