1. Record Nr. UNINA9910780322503321

Titolo	Cycad classification [[electronic resource]] : concepts and recommendations / / edited by Terrence Walters and Roy Osborne
Pubbl/distr/stampa	Wallingford, : CABI Pub., 2004
ISBN	1-280-86623-3 9780851998712 9786610866236 0-85199-871-2
Descrizione fisica	1 online resource (276 p.)
Altri autori (Persone)	WaltersTerrence <1955-> OsborneRoy
Disciplina	585/.9/012
Soggetti	Cycads
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.
Nota di contenuto	Contributors; About the Editors; Preface; Acknowledgements; 1 'We Hold these Truths ...'; 2 Saving Ghosts? The Implications of Taxonomic Uncertainty and Shifting Infrageneric Concepts in the Cycadales for Red Listing and Conservation Planning; 3 Character Evolution, Species Recognition and Classification Concepts in the Cycadaceae; 4 Morphological Characters Useful in Determining Species Boundaries in Cycas (Cycadaceae); 5 Comments on Cycas, Dyerocycas and Epicycas (Cycadaceae); 6 Classification Concepts in Encephalartos (Zamiaceae) 7 Classification Concepts in Macrozamia (Zamiaceae) from Eastern Australia8 Classification Concepts in Ceratozamia (Zamiaceae); 9 Relationships and Phytogeography in Ceratozamia (Zamiaceae); 10 A Morphometric Analysis of the Ceratozamia norstogii Complex (Zamiaceae); 11 Hypotheses on the Relationship between Biogeography and Speciation in Dioon (Zamiaceae); 12 Molecular Phylogeny of Zamia (Zamiaceae); 13 Systematics of Meso-American Zamia (Zamiaceae); 14 Zamiaceae of Bolivia, Ecuador and Peru; 15 In Search of the True Tree: Guidelines for Classification; Appendix 1: The World List of Cycads Appendix 2: Glossary of Terms Encountered in Cycad Systematics
Sommario/riassunto	Presents the classification of approximately 300 species of cycads, and

		includes contributions from leading researchers from Australia, China, Italy, Mexico, South Africa, Thailand and the USA. The book provides guidelines for the designation of species, species boundaries and species groupings.

2.	Record Nr.	UNINA9910814613703321
	Autore	Kostin Georgy V.
	Titolo	Dynamics of solid structures : methods using integrodifferential relations / / Georgy V. Kostin and Vasily V. Saurin
	Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : Walter de Gruyter GmbH, , 2018 ©2018
	ISBN	3-11-051625-X
	Descrizione fisica	1 online resource (288 pages) : illustrations
	Disciplina	530.427
	Soggetti	Surfaces (Physics) - Optical properties
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Frontmatter -- Preface -- Basic notation -- Contents -- 1. Introduction -- 2. Generalized formulations of parabolic and hyperbolic problems -- 3. Variational principles in linear elasticity -- 4. Variational statements in structural mechanics -- 5. Ritz method for initial-boundary value problems -- 6. Variational and projection techniques with semi-discretization -- 7. Integrodifferential approach to eigenvalue problems -- 8. Spatial vibrations of elastic beams with convex cross-sections -- 9. Double minimization in optimal control problems -- 10. Semi-discrete approximations in inverse dynamic problems -- 11. Modeling and control in mechatronics -- A. Vectors and tensors -- B. Sobolev spaces -- Bibliography -- Index
	Sommario/riassunto	This monograph covers new variational and projection methods to study the dynamics within solid structures. To cope with the underlying initial-boundary value problems, the method of integrodifferential relations is employed. Applications and examples in physics, mechanics and control engineering range from natural vibrations or forced

motions of elastic and viscoelastic bodies to heat and mass transfer processes. ContentsGeneralized formulations of parabolic and hyperbolic problemsVariational principles in linear elasticityVariational statements in structural mechanicsRitz method for initial-boundary value problemsVariational and projection techniques with semi-discretizationIntegrodifferential approach to eigenvalue problemsSpatial vibrations of elastic beams with convex cross-sectionsDouble minimization in optimal control problemsSemi-discrete approximations in inverse dynamic problemsModeling and control in mechatronics