1. Record Nr. UNINA9910144544903321

Titolo	Cancer in Western Australia
Pubbl/distr/stampa	Perth, W.A., : Epidemiology Branch, Health Dept. of Western Australia, 1984-
Descrizione fisica	1 online resource
Collana	1984- : Statistical series
Disciplina	614.5/999/09941021
Soggetti	Cancer - Age factors - Australia - Western Australia Cancer - Sex factors - Australia - Western Australia Cancer - Age factors Cancer - Sex factors Periodicals. Statistics. Western Australia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910983061403321

Autore	Yabuno Hiroshi
Titolo	Proceedings of the IUTAM Symposium on Nonlinear Dynamics for Design of Mechanical Systems Across Different Length/Time Scales / / edited by Hiroshi Yabuno, Walter Lacarbonara, Balakumar Balachandran, Alexander Fidlin, Giuseppe Rega, Masaharu Kuroda, Shinichi Maruyama
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031727948 3031727940
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (747 pages)
Collana	IUTAM Bookseries, , 1875-3493 ; ; 43
Altri autori (Persone)	LacarbonaraWalter BalachandranBalakumar FidlinAlexander RegaG (Giuseppe) KurodaMasaharu MaruyamaShinichi
Disciplina	620.1064
Soggetti	Fluid mechanics Thermodynamics Heat engineering Heat - Transmission Mass transfer Engineering Fluid Dynamics Engineering Thermodynamics, Heat and Mass Transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book presents insights from the IUTAM Symposium on Nonlinear Dynamics for Design of Mechanical Systems Across Different Length/Time Scales. It covers a diverse array of topics, including applications of parametric amplification and self-excitation, as well as the design and analysis of devices and systems that harness geometric and material nonlinearities. The book features chapters on nonlinear energy transfer, eigenfrequency detection through subharmonic and

superharmonic resonances, and the innovative use of nonlinear mode localization. The authors explore dynamic stabilization under high-frequency excitation, the utilization of multimode interactions and nonlinear normal modes, and the application of nonlinear resonance and bifurcation in creating ultrasensitive sensors and high-performance actuators. This book provides a comprehensive record of the symposium's discussions, representing a collective effort to expand our understanding of nonlinear phenomena and its potential to reshape the landscape of mechanical system design.