1. Record Nr. UNISALENTO991002201769707536

Autore	Bump, Daniel
Titolo	Automorphic forms on GL (3,) [e-book] / by Daniel Bump
Pubbl/distr/stampa	Berlin : Springer, 1984
ISBN	9783540390558
Descrizione fisica	1 online resource (xi, 190 p.)
Collana	Lecture Notes in Mathematics, 0075-8434 ; 1083
Disciplina	512.55 512.482
Soggetti	Mathematics Topological Groups Global analysis (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia

2. Record Nr. UNINA9910366585303321

Autore	Pila Aron Wolf
Titolo	Introduction to Lagrangian dynamics / / Aron Wolf Pila
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] ©2020
ISBN	3-030-22378-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xix, 255 pages) : color illustrations
Collana	Gale eBooks
Disciplina	515.352
Soggetti	Lagrange equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Lagrangian Dynamics – Preliminaries -- Lagrangian Dynamics -- Quasi-Coordinates, and Quasi-Velocities -- Conclusions.
Sommario/riassunto	This volume provides a short summary of the essentials of Lagrangian dynamics for practicing engineers and students of physics and engineering. It examines a range of phenomena and techniques in a style that is compact and succinct, while remaining comprehensive. The book provides a review of classical mechanics and coverage of critical topics including holonomic and non-holonomic systems, virtual work, the principle of d'Alembert for dynamical systems, the mathematics of conservative forces, the extended Hamilton's principle, Lagrange's equations and Lagrangian dynamics, a systematic procedure for generalized forces, quasi-coordinates, and quasi-velocities, Lagrangian dynamics with quasi-coordinates, Professor Ranjan Vepa's approach and the Hamiltonian formulation. Adopting a step-by-step approach with examples throughout the book, this ready reference completely develops all of the relevant equations and is ideal for practicing mechanical, aeronautical, and civil engineers, physicists, and graduate/upper-level undergraduate students. Explains in detail the development of the theory behind Lagrangian dynamics in a practical fashion; Discusses virtual work, generalized forces, conservative forces, constraints, Extended Hamilton's Principle and the Hamiltonian formulation; Presents two different approaches to the quasi-velocity method for non-holonomic constraints; Reinforces concepts presented

with illustrative examples; Includes comprehensive coverage of the important topics of classical mechanics.