

1. Record Nr.	UNINA9910133579203321
Autore	Jazar Reza N
Titolo	Advanced dynamics [[electronic resource]] : rigid body, multibody, and aerospace applications / / Reza N. Jazar
Pubbl/distr/stampa	Hoboken, N.J. : Wiley, 2011
ISBN	1-5231-2339-7 0-470-89213-7 1-283-02523-X 9786613025234 0-470-95176-1 0-470-89211-0 0-470-95002-1
Descrizione fisica	1 online resource (1344 p.)
Disciplina	620.1/04 620.104
Soggetti	Dynamics Mechanics, Applied
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Advanced Dynamics; Contents; Preface; Part I Fundamentals; 1 Fundamentals of Kinematics; 2 Fundamentals of Dynamics; Part II Geometric Kinematics; 3 Coordinate Systems; 4 Rotation Kinematics; 5 Orientation Kinematics; 6 Motion Kinematics; 7 Multibody Kinematics; Part III Derivative Kinematics; 8 Velocity Kinematics; 9 Acceleration Kinematics; 10 Constraints; Part IV Dynamics; 11 Rigid Body and Mass Moment; 12 Rigid-Body Dynamics; 13 Lagrange Dynamics; A Global Frame Triple Rotation; B Local Frame Triple Rotation; C Principal Central Screw Triple Combination; D Industrial Link DH Matrices E Trigonometric Formulas Index
Sommario/riassunto	According to the author and reviewers, more than 50% of the material taught in courses such as Advanced Dynamics, Multibody Dynamics, and Spacecraft Dynamics is common to one another. Where graduate students in Mechanical and Aerospace Engineering may have the

potential to work on projects that are related to any of the engineering disciplines, they have not been exposed to enough applications in both areas for them to use this information in the real world. This book bridges the gap between rigid body, multibody, and spacecraft dynamics for graduate students and specialists in mechanical and a

2. Record Nr.	UNINA9910337959803321
Autore	Golden Charles J
Titolo	Chronic Traumatic Encephalopathy (CTE) : Impact on Brains, Emotions, and Cognition / / by Charles J. Golden, Matthew R. Zusman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-23288-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (VII, 61 p. 1 illus.)
Collana	SpringerBriefs in Behavioral Criminology, , 2194-1866
Disciplina	796.019 617.481044
Soggetti	Sports—Psychological aspects Sport Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Prologue and Introduction to CTE and Aggression -- Chapter 2: Clinical Manifestations of CTE: Disruptions in Cognition, Mood, & Behavior -- Chapter 3. Comprehensive Evaluation of Possible CTE Cases -- Chapter 4. Clinical Implications and Conclusions.
Sommario/riassunto	The term chronic traumatic encephalopathy (CTE) has recently gained a significant amount of media coverage. However, a large proportion of the information disseminated through the media pertaining to the etiology, neuropathology, and clinical manifestations of CTE are not corroborated by empirical research, and are disputed by prominent researchers who study sports related head injury. This book reviews the existing literature pertaining to these components of CTE and includes unique case studies of several retired NFL players that received a comprehensive neuropsychological battery from a board certified neuropsychologist, among other populations. It investigates the claim

that CTE causes depression, violent behavior, and an increased risk for suicide by providing an in depth discussion using empirical data. Highlighting the importance of adhering to post concussion protocol and appreciating the long-term consequences of repeated head trauma, this unique review of the current research on CTE will be useful to students and professionals in psychology and neurology. .
