

1. Record Nr.	UNINA9910158832403321
Autore	Dammer Mike
Titolo	Wacky Word Play
Pubbl/distr/stampa	Highlights Press
ISBN	1-62979-500-3
Descrizione fisica	1 online resource (256 p.) : ill
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Bursting with hundreds of kid-approved jokes, riddles, cartoons, and word puzzles from Highlights, these collections will trigger a giggle attack every time kids open them. Laugh It Up! and Say It Again! are perfect for sharing laughs with friends and family. The hilarious illustrations by David Coulson and Mike Dammer add to the fun.

2. Record Nr.	UNINA9910437768803321
Titolo	21st Century Kinematics : The 2012 NSF Workshop / / edited by J. Michael McCarthy
Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2013
ISBN	1-283-62230-0 9786613934758 1-4471-4510-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (250 p.)
Altri autori (Persone)	McCarthyJ. M
Disciplina	621.811
Soggetti	Control engineering Robotics Automation Mechanics Algebraic geometry Proteins Machinery Control, Robotics, Automation Classical Mechanics Algebraic Geometry Protein Biochemistry Machinery and Machine Elements
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	Computer-aided Invention of Mechanisms and Robots -- Mechanism Synthesis for Modeling Human Movement -- Algebraic Geometry and Kinematic Synthesis -- Numerical Algebraic Geometry and Kinematics -- Kinematic Analysis of Cable Robotic Systems.- Kinematic Synthesis of Compliant Mechanisms.- Protein Kinematics.
Sommario/riassunto	21st Century Kinematics focuses on algebraic problems in the analysis and synthesis of mechanisms and robots, compliant mechanisms, cable-driven systems and protein kinematics. The specialist contributors provide the background for a series of presentations at the

2012 NSF Workshop. The text shows how the analysis and design of innovative mechanical systems yield increasingly complex systems of polynomials, characteristic of those systems. In doing so, takes advantage of increasingly sophisticated computational tools developed for numerical algebraic geometry and demonstrates the now routine derivation of polynomial systems dwarfing the landmark problems of even the recent past. The 21st Century Kinematics workshop echoes the NSF-supported 1963 Yale Mechanisms Teachers Conference that taught a generation of university educators the fundamental principles of kinematic theory. As such these proceedings will be provide admirable supporting theory for a graduate course in modern kinematics and should be of considerable interest to researchers in mechanical design, robotics or protein kinematics or who have a broader interest in algebraic geometry and its applications.

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