

1. Record Nr.	UNISA996571856803316
Autore	Mitchell Mary Niall
Titolo	Raising freedom's child : Black children and visions of the future after slavery // Mary Niall Mitchell
Pubbl/distr/stampa	New York, : New York University Press, c2008
ISBN	0-8147-6442-8 0-8147-9570-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (336 p.)
Collana	American history and culture
Disciplina	371.829/96073075
Soggetti	African American children - History - 19th century Enslaved persons - Emancipation - United States
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 (p. 233-305) and index.
Nota di contenuto	Emigration : a good and delicious country -- Reading race : rosebloom and pure white, or so it seemed -- Civilizing missions : Miss Harriet W. Murray, Elsie, and Puss -- Labor : Tillie Bell's song -- Schooling : we ought to be one people -- Conclusion : some mighty morning.
Sommario/riassunto	The end of slavery in the United States inspired conflicting visions of the future for all Americans in the nineteenth century, black and white, slave and free. The black child became a figure upon which people projected their hopes and fears about slavery's abolition. As a member of the first generation of African Americans raised in freedom, the black child-freedom's child-offered up the possibility that blacks might soon enjoy the same privileges as whites: landownership, equality, autonomy. Yet for most white southerners, this vision was unwelcome, even frightening. Many northerners, too,

2. Record Nr.	UNINA9910159371103321
Autore	Luo Yunhua
Titolo	Image-Based Multilevel Biomechanical Modeling for Fall-Induced Hip Fracture // by Yunhua Luo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	9783319516714
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 165 p. 153 illus., 40 illus. in color.)
Disciplina	612.028 571.538
Soggetti	Regenerative medicine Tissue engineering Radiology Biomedical engineering Regenerative Medicine/Tissue Engineering Imaging / Radiology Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Bone Composition, Metabolism and Bone Disease -- Bone Imaging for Osteoporosis Assessment -- Bone Density and Mechanical Property -- Multilevel Biomechanics of Hip Fracture -- Risk of Fall -- Low-Trauma Accident Fall and Impact Force -- Finite Element Modeling of Femur Stresses/Strains Induced by Impact Force -- Measurements of Hip Fracture Risk -- Preliminary Clinical Studies.
Sommario/riassunto	Fall-induced hip fracture is an epidemic health risk among elderly people. This book presents an image-based multilevel modeling approach to understanding the biomechanics involved in fall-induced hip fracture. By hierarchically integrating a body-level dynamics model, a femur-level finite element model, and a local bone failure model, the biomechanics approach is able to simulate all stages in sideways falls and to incorporate all biomechanical variables affecting hip fracture. This book is useful for clinicians to accurately evaluate fracture risk, for biomechanical engineers to virtually test hip protective devices, and for

biomedical students to learn image-based biomechanical modeling techniques. This book also covers: Biomechanical viewing on bone composition, bone remodeling, and bone strength Bone imaging and information captured for constructing biomechanical models Bone mechanical testing and mechanical properties required for biomechanical modeling .
