1. Record Nr. UNINA9910959572703321

Autore	du Rivage Justin
Titolo	Revolution Against Empire : Taxes, Politics, and the Origins of American Independence / / Justin du Rivage
Pubbl/distr/stampa	New Haven, CT : , : Yale University Press, , [2018] ©2017
ISBN	9780300227659 0300227655
Descrizione fisica	1 online resource : illustrations (black and white)
Collana	The Lewis Walpole Series in Eighteenth-Century Culture and History
Disciplina	973.311
Soggetti	HISTORY / United States / Revolutionary Period (1775-1800) History United States History Revolution, 1775-1783 Causes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2017.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- Acknowledgments -- Key Figures -- Introduction Enlightened Empire? -- 1. Britain's Controversial Empire -- 2. Taxing America -- 3. The Seven Years' War and the Politics of Empire -- 4. The Rise and Fall of the Stamp Act -- 5. Britain's Authoritarian Ascendancy -- 6. Sons of Liberty, Sons of Licentiousness -- 7. English Blood by English Hands -- Conclusion -- Abbreviations -- Notes -- Index
Sommario/riassunto	A bold transatlantic history of American independence revealing that 1776 was about far more than taxation without representationRevolution Against Empire sets the story of American independence within a long and fierce clash over the political and economic future of the British Empire. Justin du Rivage traces this decades-long debate, which pitted neighbors and countrymen against one another, from the War of Austrian Succession to the end of the American Revolution. As people from Boston to Bengal grappled with the growing burdens of imperial rivalry and fantastically expensive warfare, some argued that austerity and new colonial revenue were urgently needed to rescue Britain from unsustainable taxes and debts. Others insisted that Britain ought to treat its colonies as relative equals

		and promote their prosperity. Drawing from archival research in the United States, Britain, and France, this book shows how disputes over taxation, public debt, and inequality sparked the American Revolution- and reshaped the British Empire.

2.	Record Nr.	UNINA9910299676403321
	Autore	Tu Jiyuan
	Titolo	Computational Hemodynamics – Theory, Modelling and Applications / / by Jiyuan Tu, Kiao Inthavong, Kelvin Kian Loong Wong
	Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
	ISBN	94-017-9594-0
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (360 p.)
	Collana	Biological and Medical Physics, Biomedical Engineering, , 1618-7210
	Disciplina	616.10754
	Soggetti	Biomedical engineering Computer science - Mathematics Blood-vessels - Surgery Biophysics Neurosciences Bioinformatics Computational biology Biomedical Engineering and Bioengineering Computational Science and Engineering Vascular Surgery Biological and Medical Physics, Biophysics Computer Appl. in Life Sciences
	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 and index.
	Nota di contenuto	Computational hemodynamics - an introduction -- The human cardiovascular system -- Geometric model reconstruction -- Fundamentals of hemodynamics -- Computational fluid structure interaction -- Generation of computational mesh for hemodynamics analysis -- Case studies of the human cardiovascular system --

Applications of fsi for cardiovascular hemodynamics -- Advanced topics and future trends.

Sommario/riassunto

This book discusses geometric and mathematical models that can be used to study fluid and structural mechanics in the cardiovascular system. Where traditional research methodologies in the human cardiovascular system are challenging due to its invasive nature, several recent advances in medical imaging and computational fluid and solid mechanics modelling now provide new and exciting research opportunities. This emerging field of study is multi-disciplinary, involving numerical methods, computational science, fluid and structural mechanics, and biomedical engineering. Certainly any new student or researcher in this field may feel overwhelmed by the wide range of disciplines that need to be understood. This unique book is one of the first to bring together knowledge from multiple disciplines, providing a starting point to each of the individual disciplines involved, attempting to ease the steep learning curve. This book presents elementary knowledge on the physiology of the cardiovascular system; basic knowledge and techniques on reconstructing geometric models from medical imaging; mathematics that describe fluid and structural mechanics, and corresponding numerical/computational methods to solve its equations and problems. Many practical examples and case studies are presented to reinforce best practice guidelines for setting high quality computational models and simulations. These examples contain a large number of images for visualization, to explain cardiovascular physiological functions and disease. The reader is then exposed to some of the latest research activities through a summary of breakthrough research models, findings, and techniques. The book's approach is aimed at students and researchers entering this field from engineering, applied mathematics, biotechnology or medicine, wishing to engage in this emerging and exciting field of computational hemodynamics modelling.