

1. Record Nr.	UNINA9910454771203321
Autore	Burgett Bruce <1963->
Titolo	Sentimental bodies [[electronic resource]] : sex, gender, and citizenship in the early republic / / Bruce Burgett
Pubbl/distr/stampa	Princeton, N.J., : Princeton University Press, c1998
ISBN	1-282-75352-5 9786612753527 1-4008-2269-6 1-4008-1114-7
Edizione	[Core Textbook]
Descrizione fisica	1 online resource (222 p.)
Disciplina	810.9/358
Soggetti	American literature - 1783-1850 - History and criticism Politics and literature - United States - History - 19th century Politics and literature - United States - History - 18th century Gender identity in literature Sentimentalism in literature Human body in literature Citizenship in literature Sex role in literature Electronic books. United States Intellectual life 1783-1865
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. [161]-204) and index.
Nota di contenuto	Front matter -- Contents -- Acknowledgments -- 1. Introduction: Body Politics -- PART ONE: SENTIMENT AND CITIZENSHIP -- 2. United States Liberalism and the Public Sphere -- 3. The Patriot's Two Bodies: Nationality and Corporeality in George Washington's ^a Farewell Address -- PART TWO: SENTIMENT AND SEX -- 4. Corresponding Sentiments and Republican Letters: Hannah Foster's The Coquette -- 5. Masochism and Male Sentimentalism: Charles Brockden Brown's Clara Howard -- PART THREE: SENTIMENT AND SEXUALITY -- 6. Obscene Publics: Jesse Sharpless and Harriet Jacobs -- 7. Afterword: Closeted Sentiments -- Notes -- Index

Sentimentalism, sex, the construction of the modern body, and the origins of American liberalism all come under scrutiny in this rich discussion of political life in the early republic. Here Bruce Burgett enters into debates over the "public sphere," a concept introduced by Jurgen Habermas that has led theorists to grapple with such polarities as public and private, polity and personality, citizenship and subjection. With the literary public sphere as his primary focus, Burgett sets out to challenge the Enlightenment opposition of reason and sentiment as the fundamental grid for understanding American political culture. Drawing on texts ranging from George Washington's "Farewell Address" and Charles Brockden Brown's *Clara Howard* to Hannah Foster's *The Coquette* and Harriet Jacobs's *Incidents in the Life of a Slave Girl*, Burgett shows that the sentimental literary culture of the period relied on readers' affective, passionate, and embodied responses to fictive characters and situations in order to produce political effects. As such, sentimentalism located readers' bodies both as prepolitical sources of personal authenticity and as public sites of political contestation. Going beyond an account of the public sphere as a realm to which only some have full access, Burgett reveals that the formation of the body and sexual subjectivity is crucial to the very construction of that sphere. By exploring and destabilizing the longstanding distinction between public and private life, this book raises questions central to any democratic political culture.

2. Record Nr.	UNINA9910787703103321
Autore	Duifhuis Hendrikus
Titolo	Cochlear Mechanics [[electronic resource]] : Introduction to a Time Domain Analysis of the Nonlinear Cochlea / / by Hendrikus Duifhuis
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2012
ISBN	1-4419-6117-8 1-280-39497-8 9786613572899
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (265 p.)
Disciplina	571.4 610 610.28 612.8
Soggetti	Neurosciences Otorhinolaryngology Biophysics Biological physics Biomedical engineering Biological and Medical Physics, Biophysics Biomedical Engineering and Bioengineering
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	Part I Anatomy and Function of the Linear Cochlea -- 1 Historical Introduction -- 2 Developments from 1950 to 1980 -- 3 Emerging Cochlear Mechanics -- Part II Anatomy and Function of the Nonlinear Cochlea -- 4 Nonlinear Auditory Phenomena (I) knowledge around 1980 -- 5 Modeling the Nonlinear Cochlea -- Part III Results and Open Issues -- 6 Results -- 7 Applications and perspective -- Part IV Appendices -- Index.
Sommario/riassunto	The field of cochlear mechanics has received increasing interest over the last few decades. In the majority of these studies, researchers use linear systems analysis or linear approximations of the nonlinear (NL) systems. Even though it has been clear that the intact cochlea operates

nonlinearly, lack of tools for proper nonlinear analysis, and widely available tools for linear analysis still lead to inefficient and possibly incorrect interpretation of the biophysics of the cochlea. An example is the presumption that a change in cochlear stiffness at hair cell level must account for the observed change in tuning (or frequency mapping) due to prestin application. Hypotheses like this need to be addressed in a tutorial that is lucid enough to analyze and explain basic differences. Cochlear Mechanics presents a useful and mathematically justified/justifiable approach in the main part of the text, an approach that will be elucidated with clear examples. The book will be useful to scientists in auditory neuroscience, as well as graduate students in biophysics/biomedical engineering.
