

1. Record Nr.	UNINA9910461613103321
Autore	Buldyreva Jeanna
Titolo	Collisional line broadening and shifting of atmospheric gases [[electronic resource]] : a practical guide for line shape modeling by current semi-classical approaches // Jeanna Buldyreva, Nina Lavrentieva, Vitaly Starikov
Pubbl/distr/stampa	London, : Imperial College Press, 2011
ISBN	1-283-14345-3 9786613143457 1-84816-597-8
Descrizione fisica	1 online resource (300 p.)
Altri autori (Persone)	LavrentievaNina StarikovVitaly
Disciplina	522.67
Soggetti	Collision broadening Gases Electronic books.
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	Preface; Contents; Chapter 1 Basic definitions; Chapter 2 Semi-classical calculation of pressure-broadened line widths and pressure-induced line shifts; Chapter 3 Collisional broadening of water vapour lines; Chapter 4 Pressure broadening and shifting of vibrotational lines of atmospheric gases; Appendix A Matrix elements of operators of physical quantities; Appendix B Parameters of intermolecular interaction potentials; Appendix C Relations used in calculation of resonance functions; Appendix D Second-order contributions from atom-atom potential in the parabolic trajectory model Appendix E Resonance functions in the parabolic trajectory modelAppendix F Resonance functions in the exact trajectory model; Index
Sommario/riassunto	This book presents a comprehensive overview of the modern theory of spectral line broadening and shifting by pressure of atmospheric gases. It describes current semi-classical methods for calculating vibrotational line widths and shifts, including very recent modifications and new

developments realised by the authors themselves. For most of the considered molecular systems, analytical formulae are also given, which enable the calculation of line broadening coefficients without the use of semi-classical methods. The results of calculations by various approaches are compared with experimental da

2. Record Nr.	UNINA9910829871903321
Titolo	On human bondage : after slavery and social death // edited by John Bodel and Walter Scheidel
Pubbl/distr/stampa	Chichester, England : , : Wiley Blackwell, , 2017 ©2017
ISBN	1-119-16252-1 1-119-16254-8
Descrizione fisica	1 online resource (384 pages) : illustrations, tables
Disciplina	306.3/6209
Soggetti	Slavery - History Slaves - Social conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers from a conference, "Being Nobody?", held at Brown University.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Slavery and personhood in the Neo-Assyrian Empire / Heather D. Baker -- Orlando Patterson, property, and ancient slavery: the definitional problem revisited / David M. Lewis -- Slaves or serfs? Patterson on the thetes and helots of ancient Greece / Peter Hunt -- Death and social death in ancient Rome / John Bodel -- Freedom, slavery, and female sexual honor in antiquity / Kyle Harper -- Becoming almost somebody: manumission and its complications in the early Han empire / Anthony Barbieri-Low -- Ottoman elite enslavement and "social death" / Ehud R. Toledano -- The locked box in slavery and social death / Indrani Chatterjee -- Black women and slavery in colonial Brazil / Junia Ferreira Furtado -- (Child) slavery in Africa as social death? Responses past and present / Sandra E. Greene -- Slavery and freedom in small scale societies / Catherine M. Cameron -- Rituals of enslavement and

markers of servitude: Orlando Patterson in the American tropics / Fernando Santos-Granero -- Slavery from Rome to Medieval Europe and beyond: words, things and genomes / Michael McCormick -- Revisiting slavery, property and social death / Orlando Patterson.

Sommario/riassunto

On Human Bondage - a critical reexamination of Orlando Patterson's groundbreaking Slavery and Social Death - assesses how his theories have stood the test of time and applies them to new case studies. Discusses the novel ideas of social death and natal alienation, as Patterson first presented them 35 years ago and as they are understood today. Brings together exciting new work by a group of esteemed historians of slavery, as well as a final chapter by Patterson himself that responds to and expands upon the other contributions. Provides insights into slave societies around the world and across time, from classical Greece and Rome to modern Brazil and the Caribbean, and from Han China and pre-colonial South Asia to early modern Europe and the New World. Delves into a wide range of topics, including the reformation of social identity after slavery, the new historicist approach to slavery, rituals of enslavement and servitude, questions of honor and dishonor, and symbolic imagery of slavery
