

1. Record Nr.	UNINA9910780990503321
Autore	Gold Barri J. <1966->
Titolo	ThermoPoetics : energy in Victorian literature and science / / Barri J. Gold
Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, ©2010
ISBN	0-262-28826-5 0-262-28827-3 1-282-54192-7 9786612541926 0-262-27400-0
Descrizione fisica	1 online resource (357 p.)
Disciplina	820/.9/356
Soggetti	English literature - 19th century - History and criticism Physics in literature Literature and science - Great Britain - History - 19th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The consolation of physics : discovery -- Introduction: That thing we do -- Tennyson's thermodynamic solution -- Energy and empire : applications -- Grand unified theories, or, who's got GUTs? -- The reign of force -- A far better rest : equilibrium and entropy in A tale of two cities -- The engine and the demon : transformations -- Bleak house : the novel as engine -- Bodies in heat : demons, women, and emergent order.
Sommario/riassunto	An engaging exploration of the mutually productive interaction of literature and energy science in the Victorian era, as seen in Tennyson, Dickens, Stoker, and others. In ThermoPoetics, Barri Gold sets out to show us how analogous, intertwined, and mutually productive poetry and physics may be. Charting the simultaneous emergence of the laws of thermodynamics in literature and in physics that began in the 1830s, Gold finds that not only can science influence literature, but literature can influence science, especially in the early stages of intellectual development. Nineteenth-century physics was often conducted in words. And, Gold claims, a poet could be a genius in thermodynamics

and a novelist could be a damn good engineer. Gold's lively readings of works by Alfred Tennyson, Charles Dickens, Herbert Spencer, Bram Stoker, Oscar Wilde, and others offer a decidedly literary introduction to such elements of thermodynamic thought as conservation and dissipation, the linguistic tension between force and energy, the quest for a grand unified theory, strategies for coping within an inexorably entropic universe, and the demonic potential of the thermodynamically savvy individual. Gold shows us that in *A Tale of Two Cities*, for example, Dickens produces order in spite of the universal drive to entropy; Wilde's *Dorian Gray* and Stoker's *Dracula*, on the other hand, reveal the creative potential of chaos. Victorian literature embraced the language and ideas of energy physics to address the era's concerns about religion, evolution, race, class, empire, gender, and sexuality. Gold argues that these concerns, in turn, shaped the hopes and fears expressed about the new physics.

---