

1. Record Nr.	UNINA9910160959403321
Autore	Rayleigh John William Strutt, Baron, <1842-1919, >
Titolo	The theory of sound . Volume 2 / / Lord Rayleigh [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-139-05809-6
Edizione	[2nd edition, revised]
Descrizione fisica	1 online resource (xiv, 302 pages) : digital, PDF file(s)
Collana	Cambridge library collection. Physical sciences
Disciplina	534.0151
Soggetti	Sound Sound-waves
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Also issued in print: 2011. Originally published: London: Macmillan and Co., 1878.
Sommario/riassunto	John William Strutt was an English physicist best known as the co-discoverer of the element argon, for which he received the Nobel Prize in Physics in 1904. Rayleigh graduated from Trinity College, Cambridge, in 1865 & after conducting private research was appointed Cavendish Professor of Experimental Physics in 1879, a post which he held until 1884. These highly influential volumes, first published between 1877 & 1878, contain Rayleigh's account of acoustic theory. Bringing together contemporary research & his own experiments, Rayleigh clearly describes the origins & transmission of sound waves through different media. This textbook was considered the standard work on the subject for many years & provided the foundations of modern acoustic theory. Volume 2 discusses theories of aerial vibrations, with discussions of experimental procedures of aerial vibrations in tubes & rectangular chambers, & the theory of resonators.