1. Record Nr. UNINA9910706977603321

Autore	Miller Robert T.
Titolo	Cyclic injection, storage, and withdrawal of heated water in a sandstone aquifer at St. Paul, Minnesota : analysis of thermal data and nonisothermal modeling of short-term test cycles / / by Robert T. Miller and G.N. Delin
Pubbl/distr/stampa	Mound View, Minnesota : , : U.S. Department of the Interior, U.S. Geological Survey, , 2002
Descrizione fisica	1 online resource (v, 66 pages) : illustrations (some color)
Collana	U.S. Geological Survey professional paper ; ; 1530-B
Soggetti	Hot-air heating Hot water Water - Storage - Minnesota - Saint Paul Aquifers - Minnesota - Saint Paul Aquifers Water - Storage Minnesota Saint Paul
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed October 16, 2014). "Prepared in cooperation with the University of Minnesota and the Minnesota Geological Survey."
Nota di bibliografia	Includes bibliographical references (pages B65-B66).

2. Record Nr. UNINA9910254603703321

Autore	Espinoza Fernando
Titolo	Wave Motion as Inquiry : The Physics and Applications of Light and Sound / / by Fernando Espinoza
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-45758-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XI, 232 p. 201 illus., 176 illus. in color.)
Disciplina	531.1133
Soggetti	Acoustics Optics Electrodynamics Classical Electrodynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction to wave phenomena -- General characteristics of waves -- Reflection. p- Refraction -- Interference and standing waves -- Diffraction -- Polarization -- Changes in Properties of Waves. - Wave propagation and intensity variations -- Waves and sensory perception -- Forensic Applications. - Technological applications.
Sommario/riassunto	This undergraduate textbook on the physics of wave motion in optics and acoustics avoids presenting the topic abstractly in order to emphasize real-world examples. While providing the needed scientific context, Dr. Espinoza also relies on students' own experience to guide their learning. The book's exercises and labs strongly emphasize this inquiry-based approach. A strength of inquiry-based courses is that the students maintain a higher level of engagement when they are studying a topic that they have an internal motivation to know, rather than solely following the directives of a professor. "Wave Motion" takes those threads of engagement and interest and weaves them into a coherent picture of wave phenomena. It demystifies key components of life around us--in music, in technology, and indeed in everything we perceive--even for those without a strong math background, who might otherwise have trouble approaching the subject matter.