

1. Record Nr.	UNINA9910831865103321
Autore	Moebs William
Titolo	University Physics, Volume 1 / William Moebs, Samuel J. Ling, Jeff Sanny . Volume 1
Pubbl/distr/stampa	[s.l.] : , : OpenStax, , 2016
ISBN	9781947172203 1947172204
Descrizione fisica	1 online resource (997 p.)
Soggetti	Science / Physics Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	University Physics is a three-volume collection that meets the scope and sequence requirements for two- and three-semester calculus-based physics courses. Volume 1 covers mechanics, sound, oscillations, and waves. Volume 2 covers thermodynamics, electricity and magnetism, and Volume 3 covers optics and modern physics. This textbook emphasizes connections between theory and application, making physics concepts interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. Frequent, strong examples focus on how to approach a problem, how to work with the equations, and how to check and generalize the result.