

1. Record Nr.	UNINA9910148694203321
Autore	Cerveny Vlastislav
Titolo	Theory of Seismic Head Waves / / Vlastislav Cerveny, Ravi Ravindra
Pubbl/distr/stampa	Toronto : , : University of Toronto Press, , [2017] ©1971
ISBN	1-4426-5266-7
Descrizione fisica	1 online resource (329 pages) : illustrations
Collana	Heritage
Altri autori (Persone)	RavindraRavi
Disciplina	551.2/2
Soggetti	Head waves
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- The Ray method -- Head waves from a single interface -- Head waves in multilayerd media -- Curved and dipping interfaces in the overburden -- Interference head waves -- Head waves by wave methods -- Appendix : some useful vector identities.
Sommario/riassunto	Head waves - also called refraction arrivals, lateral waves, or conical waves - have been used extensively in near-earthquake studies, geophysical prospecting, and deep-crustal seismological investigations. In the past, research was confined largely to the kinematic characteristics of the waves, but emphasis is now being given to the dynamic characteristics: amplitudes, spectra, and wave forms. In the last fifteen years, several new mathematical and computational techniques have been developed to study these waves. This is an advanced, technical book presenting a consistent theory of head waves, using methods developed in the famous Leningrad school under G.I. Petrushen and his colleagues. It proceeds from a consideration of the simplest problem of one interface to a study of the situation in which there are many interfaces (some of which may not be plane or parallel to one another) and the material between the interfaces is not necessarily homogenous. The method is used principally, though not exclusively, that of ray series in which the displacement vector is expressed in terms of an asymptotic series in inverse powers of frequency. The volume includes numerical data and an extensive bibliography. This book is intended as a text for graduate and senior

undergraduate students in geophysics, and as a reference work for practising seismologists and research workers.

2. Record Nr.	UNISALENT0991000766449707536
Autore	Snow, Charles Percy
Titolo	Le due culture / Charles P. Snow ; prefazione di Ludovico Geymonat
Pubbl/distr/stampa	Milano : Feltrinelli, 1965
Edizione	[2. ed.]
Descrizione fisica	XIV, 102 p. ; 23 cm
Collana	I fatti e le idee
Altri autori (Persone)	Geymonat, Ludovico Carugo, Adriano
Disciplina	501
Soggetti	Cultura scientifica e cultura umanistica
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Trad. A. Carugo