

1. Record Nr.	UNINA9910960885903321
Autore	Cox Allan <1926-1987.>
Titolo	Plate tectonics : how it works / / Allan Cox, Robert Brian Hart
Pubbl/distr/stampa	Boston, : Blackwell Scientific Publications, c1986
ISBN	9786612237317 9781282237315 1282237314 9781444314212 1444314211
Edizione	[1st ed.]
Descrizione fisica	1 online resource (418 pages) : illustrations
Altri autori (Persone)	HartRobert Brian
Disciplina	551.1 551.136
Soggetti	Plate tectonics Geodynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliography and indexes.
Nota di contenuto	Basics of a revolution -- Plates in velocity space -- Getting around on a sphere -- Wrapping plate tectonics around a globe -- Plotting planes and vectors in local coordinates -- Earthquakes and plates -- Finite rotations -- Magnetism and isochrons -- Paleomagnetic poles -- Putting it all together.
Sommario/riassunto	Palaeomagnetism, plates, hot spots, trenches and ridges are the subject of this unusual book. Plate Tectonics is a book of exercises and background information that introduces and demonstrates the basics of the subject. In a lively and lucid manner, it brings together a great deal of material in spherical trigonometry that is necessary to understand plate tectonics and the research literature written about it. It is intended for use in first year graduate courses in geophysics and tectonics, and provides a guide to the quantitative understanding of plate tectonics.