

1. Record Nr.	UNINA9910463091703321
Autore	Van Brummelen Glen
Titolo	Heavenly mathematics [[electronic resource]] : the forgotten art of spherical trigonometry // Glen Van Brummelen
Pubbl/distr/stampa	Princeton, : Princeton University Press, c2013
ISBN	1-299-05125-1 1-4008-4480-0
Edizione	[Course Book]
Descrizione fisica	1 online resource (217 p.)
Disciplina	516.24
Soggetti	Spherical trigonometry Trigonometry Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Heavenly mathematics -- Exploring the sphere -- The ancient approach -- The medieval approach -- The modern approach: right-angled triangles -- The modern approach: oblique triangles -- Areas, angles, and polyhedra -- Stereographic projection -- Navigation.
Sommario/riassunto	Heavenly Mathematics traces the rich history of spherical trigonometry, revealing how the cultures of classical Greece, medieval Islam, and the modern West used this forgotten art to chart the heavens and the Earth. Once at the heart of astronomy and ocean-going navigation for two millennia, the discipline was also a mainstay of mathematics education for centuries and taught widely until the 1950's. Glen Van Brummelen explores this exquisite branch of mathematics and its role in ancient astronomy, geography, and cartography; Islamic religious rituals; celestial navigation; polyhedra; stereographic projection; and more. He conveys the sheer beauty of spherical trigonometry, providing readers with a new appreciation of its elegant proofs and often surprising conclusions. Heavenly Mathematics is illustrated throughout with stunning historical images and informative drawings and diagrams. This unique compendium also features easy-to-use appendixes as well as exercises that originally appeared in textbooks from the eighteenth to the early twentieth centuries.

2. Record Nr.	UNINA9910144166003321
Titolo	Coastal engineering
Pubbl/distr/stampa	Amsterdam, : Elsevier Scientific Pub. Co., 1977-
ISSN	1872-7379
Soggetti	<p>Shore protection</p> <p>Hydraulic engineering</p> <p>Ocean engineering</p> <p>Coastal zone management</p> <p>Shore protection - Periodicals</p> <p>Coastal zone management - Periodicals</p> <p>Rivage - Protection - Periodiques</p> <p>Technologie hydraulique - Periodiques</p> <p>Oceanographie appliquee</p> <p>Littoral - Amenagement - Periodiques</p> <p>Rivage - Protection</p> <p>Technologie hydraulique</p> <p>Littoral - Amenagement</p> <p>Periodicals.</p>
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	<p>Refereed/Peer-reviewed</p> <p>Title from contents screen (ScienceDirect, viewed Nov. 14, 2005).</p> <p>"An international journal for coastal, harbour and offshore engineers."</p>
Sommario/riassunto	<p>"This international journal is indispensable reading for engineers working in the field of marine and coastal technology. Combining practical application with modern technological and scientific achievements, it publishes fundamental studies as well as case histories on the following aspects of coastal, harbour and offshore engineering: studies on waves and currents; coastal morphology;</p>

estuary hydraulics; harbour and offshore structures. Mathematical and physical models as well as constructional aspects and environmental problems relating to these items are also included."
