1. Record Nr. UNINA9910782236403321

Autore	Pawlowsky-Glahn Vera
Titolo	Geostatistical analysis of compositional data [[electronic resource] /] / Vera Pawlowsky-Glahn, Ricardo A. Olea
Pubbl/distr/stampa	New York, : Oxford University Press, 2004
ISBN	0-19-756551-4 1-280-84376-4 0-19-803831-3
Descrizione fisica	1 online resource (204 p.)
Collana	Studies in mathematical geology ; ; 6
Altri autori (Persone)	OleaR. A (Ricardo A.)
Disciplina	551/.072
Soggetti	Geology - Statistical methods Multivariate analysis Kriging
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 2004.
Nota di bibliografia	Includes bibliographical references (p. [167]-175) and index.
Nota di contenuto	Contents; 1 Introduction; 2 Regionalized compositions; 3 Spatial covariance structure; 4 Concepts of null correlation; 5 Cokriging; 6 Practical aspects of compositional data analysis; 7 Application to real data; Summary and prospects; References; Index
Sommario/riassunto	Geostatistical Analysis of Compositional Data provides a comprehensive coverage of the theory and practice of analysis of data that have both spatial and compositional dependence, characteristics of most earth science and environmental measurements.

2. Record Nr. UNINA9910483153003321

Autore	Shaykh Khalid
Titolo	Artificial Intelligence in Breast Cancer Early Detection and Diagnosis / / by Khalid Shaikh, Sabitha Krishnan, Rohit Thanki
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-59208-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XII, 107 p. 23 illus., 9 illus. in color.)
Disciplina	616.99449
Soggetti	Biomedical engineering Artificial intelligence Radiology Machine learning Biomedical Engineering and Bioengineering Artificial Intelligence Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	An Introduction to Breast Cancer Diagnosis, Prognosis, and Artificial Intelligence -- Breast Cancer and Its Types -- Artificial Intelligence -- Breast Cancer Screening Using AI Methods -- Case Study for Screening of Breast Cancer.
Sommario/riassunto	This book provides an introduction to next generation smart screening technology for medical image analysis that combines artificial intelligence (AI) techniques with digital screening to develop innovative methods for detecting breast cancer. The authors begin with a discussion of breast cancer, its characteristics and symptoms, and the importance of early screening.They then provide insight on the role of artificial intelligence in global healthcare, screening methods for breast cancer using mammogram, ultrasound, and thermogram images, and the potential benefits of using AI-based systems for clinical screening to more accurately detect, diagnose, and treat breast cancer. Discusses various existing screening methods for breast cancer Presents deep information on artificial intelligence-based screening methods

Discusses cancer treatment based on geographical differences and cultural characteristics.