

1. Record Nr.	UNINA9911091265503321
Titolo	Computers in geology : 25 years of progress / / edited by John C. Davis, Ute Christina Herzfeld
Pubbl/distr/stampa	New York, : Oxford University Press, 1993
ISBN	0-19-756052-0 1-280-52713-7 9786610527137 0-19-535889-9 1-4294-0787-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (316 pages) : illustrations (black and white, and colour)
Collana	International Association for Mathematical Geology studies in mathematical geology ; ; 5
Altri autori (Persone)	DavisJohn C HerzfeldUte Christina
Disciplina	550.285 550/.285 551.0285
Soggetti	Geology - Data processing Geology - Mathematics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 1993.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; 1. Introduction; 2. Weights of Evidence Modeling and Weighted Logistic Regression for Mineral Potential Mapping; 3. Gold Prospecting with Factorial Cokriging in the Limousin, France; 4. Recent Experiences with Prospector II; 5. Correspondence Analysis in Heavy Mineral Interpretation; 6. Mathematics Between Source and Trap: Uncertainty in Hydrocarbon Migration Modeling; 7. Risk Analysis of Petroleum Prospects; 8. Characteristic Analysis as an Oil Exploration Tool; 9. Information Management and Mapping System for Subsurface Stratigraphic Analysis 10. Automated Correlation Based on Markov Analysis of Vertical Successions and Walther's Law; 11. Milankovitch Cyclicity in the Stratigraphic Record-A Review; 12. Can the Ginsburg Model Generate Cycles?; 13. Quantitative Genetics in Paleontology: Evolution in Tertiary

Ostracoda; 14. An Integrated Approach to Forward Modeling Carbonate Platform Development; 15. Principal Component Analysis of Three-Way Data; 16. A Solution to the Percentage-Data Problem in Petrology; 17. Amplitude and Phase in Map and Image Enhancement; 18. Fractals in Geosciences-Challenges and Concerns
19. An Executable Notation, with Illustrations from Elementary Crystallography; 20. Uncertainty in Geology; 21. Expert Systems in Environmental Geology; 22. From Multivariate Sampling to Thematic Maps with an Application to Marine Geochemistry; 23. The Kinematics of Paleo Landforms; 24. R. G .V. Eigen: Legendary Father of Mathematical Geology; Index

Sommario/riassunto

This volume vividly demonstrates the importance and increasing breadth of quantitative methods in the earth sciences. With contributions from an international cast of leading practitioners, chapters cover a wide range of state-of-the-art methods and applications, including computer modeling and mapping techniques. Many chapters also contain reviews and extensive bibliographies which serve to make this an invaluable introduction to the entire field. In addition to its detailed presentations, the book includes chapters on the history of geomathematics and on R.G.V. Eigen, the "father" of mathematical geology. Written to commemorate the 25th anniversary of the International Association for Mathematical Geology, the book will be sought after by both practitioners and researchers in all branches of geology.

2. Record Nr.	UNINA9911146146203321
Autore	Morales Pedraza Jorge
Titolo	The use of the ionizing radiation technique for tissue sterilization : the International Atomic Energy Agency (IAEA) experience / / Jorge Morales Pedraza
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science, c2012
ISBN	1-62808-676-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (389 p.)
Collana	Medical Devices and Equipment
Disciplina	615.8/42
Soggetti	Preservation of organs, tissues, etc Ionizing radiation Radiation sterilization Tissue banks
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	The history of tissue transplantation -- The ionizing radiation technique -- Main components of the IAEA's programme -- Tissue banking in Asia and the Pacific and the role played by the IAEA -- Tissue banking in Latin America and the Caribbean and the role played by the IAEA -- Tissue banking in Eastern Europe and the role played by Spain within the IAEA's training programme -- Tissue banking in Africa and the role played by the IAEA -- The IAEA's training programme -- The importance of ethics in tissue banking -- The radiation sterilization of tissues allografts : requirements for validation and routine control : new elements to be considered -- The IAEA international standards for tissue banking : new elements to be considered -- The IAEA public awareness strategies for tissue banks : new elements to be considered -- The future role to be played by of ALABAT and APASTB -- The IAEA Technical Advisory Committee -- The future role to be played by the IAEA and WHO in the field of tissue.
Sommario/riassunto	This book has been prepared with the purpose of describing the role of the International Atomic Energy Agency (IAEA) programme on radiation and tissue banking in the establishment of tissue banks in Asia and the Pacific, Latin America and the Caribbean, Eastern Europe and Africa and

in the increase in the supply of sterilised tissues used in certain medical treatments in a selected group of countries. There are three important concepts included in this book: human tissue, tissue bank, and tissue banking.
