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Soggetti	Geophysics Geotechnical engineering Mathematical physics Computer science—Mathematics Artificial intelligence Geophysics/Geodesy Geotechnical Engineering & Applied Earth Sciences Mathematical Applications in the Physical Sciences Math Applications in Computer Science Artificial Intelligence
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Nota di contenuto	Neural networks :concepts /applications in: Seismic,EM,Gravity,VLF, conductivity,GPR -- Fuzzy logic:concepts /applications in: Seismic,EM, Gravity,VLF,conductivity,GPR -- Neuro-fuzzy concepts /applications in: Seismic,EM,Gravity,VLF,conductivity,GPR -- Genetic Algorithm: concepts /applications in: Seismic,EM,Gravity,VLF,conductivity,GPR -- Future of soft computing methods in geophysics. .
Sommario/riassunto	This book provides a practical guide to applying soft-computing methods to interpret geophysical data. It discusses the design of neural networks with Matlab for geophysical data, as well as fuzzy logic and neuro-fuzzy concepts and their applications. In addition, it describes genetic algorithms for the automatic and/or intelligent processing and

interpretation of geophysical data.
