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   Sommario/riassunto   As computer and space technologies have been developed, geoscience
                        information systems (GIS) and remote sensing (RS) technologies, which
                        deal with the geospatial information, have been rapidly maturing.
                        Moreover, over the last few decades, machine learning techniques
                        including artificial neural network (ANN), deep learning, decision tree,
                        and support vector machine (SVM) have been successfully applied to
                        geospatial science and engineering research fields. The machine
                        learning techniques have been widely applied to GIS and RS research
                        fields and have recently produced valuable results in the areas of
                        geoscience, environment, natural hazards, and natural resources. This
                        book is a collection representing novel contributions detailing machine
                        learning techniques as applied to geoscience information systems and
                        remote sensing.