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   Sommario/riassunto The mixture of data in real-life exhibits structure or connection
                      property in nature. Typical data include biological data, communication
                      network data, image data, etc. Graphs provide a natural way to
                      represent and analyze these types of data and their relationships.
                      Unfortunately, the related algorithms usually suffer from high
                      computational complexity, since some of these problems are NP-hard.
                      Therefore, in recent years, many graph models and optimization
                      algorithms have been proposed to achieve a better balance between
                      efficacy and efficiency. This book contains some papers reporting
                      recent achievements regarding graph models, algorithms, and
                      applications to problems in the real world, with some focus on
                      optimization and computational complexity.