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   Sommario/riassunto This book was established after the 8th International Workshop on
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                       collection of papers on the intersection of the two research areas
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                       search techniques. While focusing on the design of fast and reliable
                       methods lying across these two paradigms, the resulting techniques
                       are strongly applicable to a broad class of real-world problems, such as
                       pattern recognition, routing, energy, lines of production, prediction,
                       and modeling, among others. This volume is intended to serve as a
                       useful reference for mathematicians, engineers, and computer
                       scientists to explore current issues and solutions emerging from these
                       mathematical and computational methods and their applications.