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Nota di contenuto	Text Mining; Contents; List of Contributors; Preface; PART I TEXT EXTRACTION, CLASSIFICATION, AND CLUSTERING; 1 Automatic keyword extraction from individual documents; 2 Algebraic techniques for multilingual document clustering; 3 Content-based spam email classification using machine-learning algorithms; 4 Utilizing nonnegative matrix factorization for email classification problems; 5 Constrained clustering with k-means type algorithms; PART II ANOMALY AND TREND DETECTION; 6 Survey of text visualization techniques; 7 Adaptive threshold setting for novelty mining; 8 Text mining and cybercrime PART III TEXT STREAMS9 Events and trends in text streams; 10 Embedding semantics in LDA topic models; Index
Sommario/riassunto	Text Mining: Applications and Theory presents the state-of-the-art algorithms for text mining from both the academic and industrial perspectives. The contributors span several countries and scientific domains: universities, industrial corporations, and government laboratories, and demonstrate the use of techniques from machine learning, knowledge discovery, natural language processing and

information retrieval to design computational models for automated text analysis and mining. This volume demonstrates how advancements in the fields of applied mathematics, computer science, machine
