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	Autore	McLachlan Geoffrey J. <1946->
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	Descrizione fisica	1 online resource (450 p.)
	Collana	Wiley series in probability and statistics. Applied probability and statistics section
	Altri autori (Persone)	PeelDavid <1971->
	Disciplina	519.2
	Soggetti	Mixture distributions (Probability theory)
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	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references (p. 349-393) and indexes.
	Nota di contenuto	Contents; Preface; 1 General Introduction; 2 ML Fitting of Mixture Models; 3 Multivariate Normal Mixtures; 4 Bayesian Approach to Mixture Analysis; 5 Mixtures with Nonnormal Components; 6 Assessing the Number of Components in Mixture Models; 7 Multivariate t Mixtures; 8 Mixtures of Factor Analyzers; 9 Fitting Mixture Models to Binned Data; 10 Mixture Models for Failure-Time Data; 11 Mixture Analysis of Directional Data; 12 Variants of the EM Algorithm for Large Databases; 13 Hidden Markov Models; Appendix: Mixture Software; References; Author Index; Subject Index
	Sommario/riassunto	An up-to-date, comprehensive account of major issues in finite mixture modelingThis volume provides an up-to-date account of the theory and applications of modeling via finite mixture distributions. With an emphasis on the applications of mixture models in both mainstream analysis and other areas such as unsupervised pattern recognition, speech recognition, and medical imaging, the book describes the formulations of the finite mixture approach, details its methodology, discusses aspects of its implementation, and illustrates its application in many common statistical contexts.Major iss