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Descrizione fisica	1 online resource (372 p.)
Collana	Chapman & Hall/CRC data mining and knowledge discovery series
Altri autori (Persone)	LiTao OgiharaMitsunori <1963-> TzanetakisGeorge <1975->
Disciplina	780.285/6312
Soggetti	Musical analysis - Data processing Data mining Information storage and retrieval systems Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Chapman & Hall book.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; List of Figures; List of Tables; Preface; List of Contributors; I. Fundamental Topics; 1. Music Data Mining: An Introduction; 2. Audio Feature Extraction; II. Classification; 3. Auditory Sparse Coding; 4. Instrument Recognition; 5. Mood and Emotional Classification; 6. Zipf's Law, Power Laws, and Music Aesthetics; III. Social Aspects of Music Data Mining; 7. Web-Based and Community-Based Music Information Extraction; 8. Indexing Music with Tags; 9. Human Computation for Music Classification; IV. Advanced Topics; 10. Hit Song Science 11. Symbolic Data Mining in Musicology
Sommario/riassunto	The research area of music information retrieval has gradually evolved to address the challenges of effectively accessing and interacting large collections of music and associated data, such as styles, artists, lyrics, and reviews. Bringing together an interdisciplinary array of top

researchers, Music Data Mining presents a variety of approaches to successfully employ data mining techniques for the purpose of music processing. The book first covers music data mining tasks and algorithms and audio feature extraction, providing a framework for subsequent chapters. With a focus on data classificat
