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Titolo	Music data analysis : foundations and applications // edited by Claus Weihs, Technical University of Dortmund, Germany, Dietmar Jannach, Technical University of Dortmund, Germany, Igor Vatolkin, Technical University of Dortmund, Germany, Gunter
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Descrizione fisica	1 online resource (694 pages) : illustrations
Collana	Chapman & Hall/CRC Computer Science and Data Analysis Series
Disciplina	780.285
Soggetti	Musical analysis - Data processing
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	"A Chapman & Hall Book"--cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I. Music and audio -- II. Methods -- III. Applications -- IV. Implementation.
Sommario/riassunto	This book provides a comprehensive overview of music data analysis, from introductory material to advanced concepts. It covers various applications including transcription and segmentation as well as chord and harmony, instrument and tempo recognition. It also discusses the implementation aspects of music data analysis such as architecture, user interface and hardware. It is ideal for use in university classes with an interest in music data analysis. It also could be used in computer science and statistics as well as musicology.