



METADATA

Title: Introduction to retrieval and mining of musical information

Other Titles: -

Language: Greek

ISBN: 978-960-603-414-5

Subject: MATHEMATICS AND COMPUTER SCIENCE

Keywords: Music Information / Symbolic Music / Acoustic Music / Information Retrieval / Knowledge Mining

...

Bibliographic Reference: Karydis, I. (2015). Introduction to retrieval and mining of musical information [Undergraduate textbook]. Kallipos, Open Academic Editions. <http://dx.doi.org/10.57713/kallipos-495>

Abstract

Man and music have been inextricably linked since ancient times [1]. Nowadays, there is a shift in the distribution of music information to the format of digital files due to the spectacular spread of computer playback systems, the expansion of digital distribution networks and the trend of the music industry. Ordinary users can now have collections of several tens or even hundreds of thousands of music tracks, while online music libraries [2][3] may have several tens of millions. Subsequently, the necessity of efficient management of these musical data is evident, a fact confirmed by the particularly intense activity of the international

research community [4] in this field. In addition to the necessary theoretical framework, the book will also include complete Matlab programming source code in its individual topics.[1] Politis, D. (2007). Music Informatics, Klidarithmos Publications.[2] Apple. (2012). iTunes - Everything you need to be entertained. Available: <http://www.apple.com/itunes/>. Last accessed 13th Oct 2013.[3] YouTube. (2013). YouTube. Available: <http://www.youtube.com/>. Last accessed 13th Oct 2013.[4] The International Society for Music Information Retrieval. (2012). Online proceedings. Available: <http://www.ismir.net/>. Last accessed 13th Oct 2013.

