Karim M. Ibrahim	**Classification of Arabic music genres** **Poster**

Topic: Music
Author:
Karim M. Ibrahim
Nile University,
Department of Software Engineering
Egypt
www.nu.edu.eg
Mahmoud Allam
Nile University,
Department of Software Engineering
Egypt
www.nu.edu.eg

Main References:
[1]] G. Tzanetakis and P. Cook. Musical genre classification of audio signals. IEEE Transactions on Speech and Audio Processing, 10(5), July 2002.
[2] A Comparative Study on Content-Based Music Genre Classification

Abstract:

The problem of music genre classification is a well-known problem with several attempts and approaches to solve it. There has been a noticeable progress in this particular task with satisfying results. However, most of the approaches are designed for the western music genres which are well-known and well defined. In the case of Arabic music styles, it didn't receive the same attention. The genres are not well defined and the Arabic music content on the web lacks both accurate description "Tagging" and classification "genres", making it harder to explore. In this paper, we provide both a reference for the most well-known Arabic music genres and also a method for automatic classification of those genres using content-based features and neural networks to reach an accuracy of around 85% of automatic classification between 4 of the most popular Arabic music genres.

Contact:
Karim.m.ibraheem@gmail.com

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