Music Similarity Flash Representation

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Was wir machen

- Symbolic Melodic Music Similarity
 - "symbolisch" heißt : Darstellung von Noten.
 - verschiedene Representationsansätze von Melodien
- Nach [1]: 3 grundlegende Klassen von Algorithmen: diejenigen,
 - die Mathematik einsetzen
 - die musiktheoretische und
 - die kognitivwissenschaftliche Ansätze verfolgen .
- und hybride Methoden(lineare Kombination von Algorithmen).

Wie man es macht

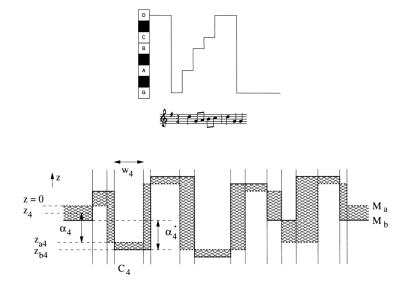


Figure: Source: [2]

Wie man es macht



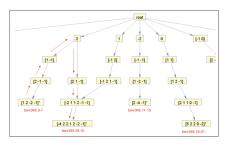


Figure: Source: [3]

Wie man es macht

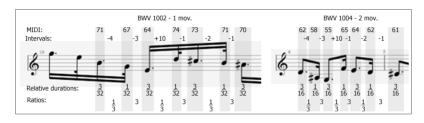


Figure: Source: [4]

 "Algorithms for Computing Geometric Measures of Melodic Similarity",
 G.Aloupis, T. Fevens, S. Langerman, T. Matsui, A. Mesa, Y. Nufiez,
 D. Rappaport, G. Toussaint. Computer Music Journal, 30:3,

pp. 67-76, Fall 2006.

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- [3] Orio, N., and A. Roda'. 2009. "A Measure of Melodic Similarity Based on a Graph Representation of the Music Structure." In Proceedings of the International Conference for Music Information Retrieval, pp. 543–548.
- [4] de Carvalho, A. D., Jr., and L. V. Batista. 2012. "SMS Identification Using PPM, Psychophysiological Concepts, and Melodic and Rhythmic Elements." In Proceedings of the