Abstract

The paper gives brief introduction of Computational Musicology as a sub field of Artificial Intelligence (AI). It explains evolution of computational Musicology field and existing work done in the context of Western and Indian Music. It also compares Western Music with Indian Classical Music (ICM) and points out essential differences between them, illustrating how analysis of Western Music is not compatible with Indian Classical Music. A section in paper also gives introduction to Hindustani Classical Music and describes features that determine the grammar for representation and analysis of a raga. Section 5 represents the study of existing work in the field of Computational Musicology for ICM and identifies limitations and advantages of the methods.

References

and Semiotics in Organisations. 2011.
Index Terms

Computer Science  Artificial Intelligence

Keywords

Computational Musicology, Indian classical music (ICM), swars, Raga, Hindustani Classical Music, Note Transcription, Raga analysis