Abstract

In this work, we propose a method to identify and transcript the note of a Carnatic music signal. The main motive behind note transcription is that, it can be used as a good basis for music note information retrieval of Carnatic music songs or Film songs based on Carnatic music. The input monophonic music signal is analysed and made to pass through a signal frequency extracting algorithm. The frequency components of the signal are then mapped into the swara sequence, which could be used to determine the Raga of the particular song and can be used in Carnatic music training institutes to verify the correctness of the Carnatic music note.
Automatic Music Note Transcription System using Artificial Neural Networks

References


Index Terms

Computer Science

Electronic Design And Signal Processing
Keywords
Audio Signal Processing  autocorrelation  Carnatic Music  probabilistic Neural Network
Pitch
Swara
Shruthi