

# **A Study on the Influences of Ragas in Holy Mass Songs using Neutrosophic Fuzzy Cognitive Maps (NFCMS)**

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## **Abstract**

In this paper we study to find out the vital reason for peaceful life of people from different music piece of the holy mass songs using Neutrosophic Cognitive Maps (NCMs). Due to the subjective nature of human perception, classification of the music to the peacefulness is a challenging problem. Simply assigning music class to a song segment in a deterministic way does not work well because not all people share the same feeling for a song. For each music segment, the approach determines how likely the song segment belongs to an emotion class particularly peacefulness. Results are shown to illustrate the effectiveness of the approach. In the first section we discuss about the structure of songs which have been framed in Holy mass. In section two, we study the fundamentals of Neutrosophic Cognitive Maps (NCMs). In the third Section we give the adaptation of NCM to the problem. The final section derives the conclusion based on our study.

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