

ABSTRACT

Music is sound that is received by the individual and vary by history, location, culture and tastes of a person. Writing music varies in each part of the world, in the absence of standards in writing music at the first time in 590 Pope Gregory created the forerunner of the current block notation became a standard notation of writing musical notation applicable internationally, in order to simplify the writing of musical notation . But for beginners who want to learn to feel difficulty in learning musical notation.

Template matching is the process of character recognition by comparing the suitability of existing patern input on the document with the character on the template is stored, to find characters that have the greatest similarity value. So it can be used to change the musical notation into the notation of numbers and be a voice to MIDI format.

With the reasons above, the authors undertook a study of the conversion of the musical notation to notation numbers and voice. From the research results can be concluded that, with templates matching can be used to recognize the musical notation with an accuracy of up to 62%.

Keywords: Musical notation, Template Matching, Numbers Notation, MIDI.