Abstract

Beam notation is a notation that are used in the work system of music. Basically beam notation only consist of key signature, time signature, rhythmic and the note where respectively this kind have the different function, and respectively this kind will be recognised by using the template matching method. Template matching is used to look for the insignificant part of an image input that in accordance with template. This method do patern recognition by comparing compatibility input patern with template that is kept. There are two process kinds recognition that is used, that is the image correlation process and the feature extraction process. In the image correlation process, template that is used am with the form of all the possibilities from the object and results of his introduction immediately can be determined from the characteristics template, whereas in the process feature extraction, template that is used am the form fitur from an object that will be known with the aim of searching fitur-fitur available to the object. Output that is produced takes the form of information that explains the meaning of an object. appropriate of recognition process is determined from two parameters which are notation value and tone value. the two result will be compared using accurateness technique. From the comparation result are know using feature extraction process is better than image correlation process if it is comparated because at music notation has many variant object, yet has litle bit feature.

Keywords : *Key Signature*, *Time Signature*, *Template Matching*, *recognition*, *Image Correlation* dan *Feature Extraction*