Abstract

Regularity is one of the main features for many Patterned texture material inspection. This paper shows the new approach called Bollinger Band (BB) method. Bollinger Band method originally used for financial technical analysis, based on Moving average and standard deviation. It was originally extended from 1-D approach to 2-D approach for jacquard fabric inspection. The BB Method is shift invariant across patterned texture material and its mathematical definition was simple. Bollinger Band method based on the idea of periodicity.
References


**Index Terms**

Computer Science  Information Science

**Keywords**

Bollinger Band  Defect Detection  Histogram Equalization  Moving Average  Standard Deviation.