Abstract

Coins have very much importance in human’s day to day life, which are used in everyone’s daily routine like banks, super markets, vending machines etc: So, there is a basic need to automate the counting and sorting of coins. Coin recognition applications play an important role in industry and computer vision. The main objective of this system is to classify high volumes of coins with high accuracy and to recognize the coins of different denominations and count the total value of the coins. Many approaches developed for the coin detection and calculate its corresponding values. For this several approaches are compared here to improve the performance of the system.

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**Index Terms**

Computer Science  Image Processing
Keywords

Image Analysis, Coin Recognition, Feature Matching, Rotation Invariant, Gradient Magnitude, RFR, Local Binary Pattern, Segmentation, Detection