Abstract

Corner detection is a significant task in different machine vision and image processing systems because corners play an important role in describing object unique features for recognition and identification. Corner detection comes within reach of computer visualization systems to extract certain kinds of characteristics and understand the contents of an image. In this work modify the Harris technique in order to enhance the performance of corner detection. To include the effect of Morphology technique on the modified Harris corner technique. Observe the simulation results of proposed detection technique & compare results with traditional method. MATLAB R2013a has been used as an implementation platform using generalized MATLAB toolbox and image processing tool box.

References

Designing and Performance Evaluation of an Advanced Method for Corner Detection using Harris Technique

4. Lin Zhang “A Multi-Scale Bilateral Structure Tensor Based Corner Detector” Biometrics Research Center, Department of Computing The Hong Kong Polytechnic University Hong Kong, China

**Index Terms**

Computer Science  
Image Processing

**Keywords**

Harris Technique, Morphology Technique MATLAB etc.