Abstract

The recognition and classification of objects in images is an emerging trend within the discipline of computer vision community. A general image processing problem is to decide the vicinity of an object by means of a template once the scale and rotation of the true target are unknown. Template is primarily a sub-part of an object that’s to be matched amongst entirely different objects. The techniques of template matching are flexible and generally easy to make use of, that makes it one amongst the most famous strategies of object localization. Template matching is carried out in versatile fields like image processing, signal processing, video compression and pattern recognition. This paper gives brief description of applications and methods where template matching methods were used.

References

An Overview of Various Template Matching Methodologies in Image Processing

2010.


Index Terms

Computer Science               Image Processing

Keywords

Template Matching, image processing, object recognition.