Abstract

Object Recognition has become one of the most attractive areas of research for most of the scientists over the past few decades. Object recognition has extensive applications in numerous areas of interest. In this paper, the importance of object recognition in different applications has been highlighted. The very famous and impressive technique by David Lowe which is Scale Invariant Feature Transform (SIFT) has been implemented for object recognition and an attempt has been done to compare the results obtained from it with the another very important technique called Speeded-Up Robust Feature Transform (SURF) to conclude with certain interesting results.

References

Object Recognition: Performance evaluation using SIFT and SURF


Index Terms

Computer Science

Artificial Intelligence
Keywords
Object recognition  features  applications  SIFT  SURF