Abstract

Object instance search aims to not solely retrieve the pictures or frames that contain the query, however additionally find all its occurrences. During this work, we tend to explore the utilization of spatio-temporal cues to enhance the standard of object instance search from videos. To the present finish, the work to formulate this drawback because the spatio-temporal trajectory search downside, wherever a trajectory may be a sequence of bounding boxes that find the thing instance in every frame. The goal is to seek out the top- trajectories that are possible to contain the target object. The work tends to solve the key bottleneck in applying the approach to object instance search by leverage a randomized approach to change quick marking of any bounding boxes within the video volume.

References

7. Jingjing Meng, Junsong Yuan, Jiong Yang, Gang Wang, and Yap-Peng Tan, “ Object Instance Search in Videos via Spatio-Temporal Trajectory Discovery”
11. M. Petkovic and W. Jonker, “An Overview of Data Models and Query Languages for Content-Based Video Retrieval”
12. M. Petkovic and W. Jonker, “Content-Based Video Retrieval by Integrating Spatio-Temporal and Stochastic Recognition of Events”
17. YakupYildirim, Adnan Yazici, TurgayYilmaz, “Automatic Semantic Content Extraction in Videos Using a Fuzzy Ontology and Rule-Based Model”

Index Terms
Keywords

Key-point localization, SIFT descriptor, Orientation Assignment, Key-points descriptors, Scale-space extrema detection.