Abstract

Moving object detection has been widely used in diverse discipline such as intelligent transportation system, airport security system, video surveillance applications, and so on. This paper presents two different methods for moving object detection, Simple Background subtraction method and Temporal Difference method. In both methods, we used Static camera for video capturing purpose. First of all, we obtain Difference image using Simple Background subtraction method and Temporal Difference method and then use fixed threshold method to obtain a more complete Moving Object. In this paper a Performance comparison of Simple Background Subtraction Method and Temporal Difference Method is carried out from literature.
Moving Object Detection for Video Surveillance System

as well as through implementation.

References

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Index Terms

Computer Science

Image Processing
Keywords
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Applications