Abstract

Nowadays moving object detection has become a very prime area for research due to its use in various computer vision applications. Beside from the vital benefit of being able to differentiate video streams into moving and background content, detecting moving objects provides a purpose of attention for recognition, classification and activity scrutiny making these later steps more effective. This research paper presents the thorough survey of background subtraction methods for object detection with a brief information about other methods for object detection. The background subtraction methods discussed here includes Frame Difference, Mixture of Gaussians (MoG), Approximated Median Filter and Eigen Background.
A Survey on Moving Object Detection using Background Subtraction Methods in Video

References

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Index Terms

Computer Science Multimedia

Keywords

Moving Objects Object Detection Background Subtraction Frame Difference Mixture Of Gaussians Approximated Median Filter Eigen Background.