Abstract

For the majority of computer vision applications, the ability to identify and detect objects in motion has become a crucial necessity. Background subtraction, also referred to as foreground detection, is an innovation used with image processing and computer vision fields when trying to detect an object in motion within videos from static cameras. This is done by deducting the present image from the image in the background or background module. There has been comprehensive research done in this field as an effort to precisely obtain the region for the use of further processing (e.g., object recognition). This paper provides a review of the human motion detection methods focusing on background subtraction technique.
Review of Human Motion Detection based on Background Subtraction Techniques


Koji Kinoshita, Masaya Enokidani, Masanori Izumida, and Kenji Murakami. Tracking of a moving object using one-dimensional optical flow with a rotating observer. pages 1–6, 2006.


Mr Mahesh C Pawaskar, Mr NS Narkhede, and Mr Saurabh S Athalye. Detection of moving object based on background subtraction. 2014.


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