Abstract

Video surveillance is an important area of computer vision research, its applications including both outdoor and indoor automated surveillance systems. Detecting through video image processing is one of the most attractive alternative new technologies as it offers opportunities for performing substantially more complex tasks and providing more information than other sensors. Video Surveillance systems have as main goal to control the safety and the security of materials of which utilizing people. This paper provides an overview of various methods and techniques from the research area that address the problems of representation, recognition and learning of events, actions and activities of inhabitants from an environment.

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**Index Terms**

Computer Science
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**Keywords**

Video surveillance; tracking; Shadow removes; Motion detection.