Abstract

Recognizing human actions are important in various real time applications. Review on human activity analysis is provided in three sections. The first section in this paper presents an overall classification to Human activity analysis from feature extraction to recognition systems. In the second section a survey is included which provides technical information to activity analysis. Finally a brief description of databases which came across in survey is also included. The overall purpose of this paper is to provide a basic understanding to human activity analysis and to analyze the major challenge in human activity analysis.

References

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Review on Vision Based Human Activity Analysis


Index Terms

Computer Science Information Sciences

Keywords

- Background Subtraction (BS)
- Human Activity Recognition (HAR)
- Motion Energy Image (MEI)
- Hidden Markov Model (HMM)
- State Vector Machine (SVM)