## **Detecting and Tracking People Motion**

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**Abstract.** The abstract should briefly summarize the contents of the paper in 150–250 words.

**Keywords:** First keyword · Second keyword · Another keyword.

## 1 Introduction

People detection and their subsequent tracking is a relatively easy task for humans, however, when dealing with a computer video system things becomes much more complicated. The need to recognize and follow people by just looking at a video recording has become one important task which has many real-world applications. If we just think about the surveillance systems, we recognize immediately its importance.

- 2 Related Works
- 3 Methods
- 3.1 Shadow Removal
- 3.2 People Detection
- 3.3 People Tracking
- 4 Experiments and Results

## 5 Conclusions

*Proof.* Proofs, examples, and remarks have the initial word in italics, while the following text appears in normal font.

For citations of references, we prefer the use of square brackets and consecutive numbers. Citations using labels or the author/year convention are also acceptable. The following bibliography provides a sample reference list with entries for journal articles [1], an LNCS chapter [2], a book [3], proceedings without editors [4], and a homepage [5]. Multiple citations are grouped [1–3], [1,3–5].

## References

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