Draft Title: Activity Recognition

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***Abstract*—This is the abstract ...**

***Index Terms*—Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN), Long Short-Term Memory (LSTM).**

I. Introduction

THIS demo file is intended to serve as a "starter file" for IEEE journal papers produced under LaTeX using IEEEtran.cls version 1.8b and later.

Contribution of the motion and static features Total time-evolution Interaction between the actors and objects

Dense trajectories -¿ motion tubes

Earlier paper: no low-level feature gathering (just OF, and static frame -¿ CNN)

[1]

II. Methods Part I

This is part 1 in the methods section. Good for general method description. Subsection text here.

III. Methods Part II

This is part 2 in the methods section. Good for specific description of our algorithms leading to the contributions.

IV. Experiments and Results

Experiments, results, comparison, and interpretations.

V. Conclusion

The conclusion goes here. This is the conclusion

Appendix A
Proof of the First Zonklar Equation

Appendix one text goes here.

Appendix B

Appendix two text goes here.

Acknowledgment

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References

[1] L. Lamport, *LaTeX: A Document Preparation System,*, 2nd ed. Addison-Wesley, 1994.

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