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Recognising people using Gait analysis

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Abstract—The abstract goes here.

Index Terms—Computer Society, IEEEtran, journal, LaTeX, paper, template.

1 Introduction

This demo file is intended to serve as a "starter file" for IEEE Computer Society journal papers produced under LaTeX using IEEEtran.cls version 1.8 and later. I wish you the best of success.

mds
December 27, 2012

1.1 Subsection Heading Here

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1.1.1 Subsubsection Heading Here

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2 Image processing

2.1 Green screen and background removal

Our domain is a set of photos each with a subject in front of a green screen standing on a treadmill. Subject extraction requires the removal of the green screen as well as any background captured outside of the green screen area. Couple of samples of green screen color reveals the average screen color to be *rgb(56, 175, 93)*. Image area beyond the green screen area is cropped to remove excess background area.

2.2 Skin tone extraction

Subject's limbs are extracted according to their skin tone. This extraction is done by analysing the HSV value of every pixel in the image. Where 0 $<$*Hue* $<$25, 0.23 $<$*Saturation* $<$0.98 and *Value* $>$0.22.

3 Conclusion

The conclusion goes here.

Appendix A
Proof of the First Zonklar Equation

Appendix one text goes here.

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Appendix B

Appendix two text goes here.

Acknowledgments

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References

[1] H. Kopka and P. W. Daly, *A Guide to LaTeX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.

PLACE PHOTO HERE

Michael Shell Biography text here.

John Doe Biography text here.

Jane Doe Biography text here.