## Bare Demo of IEEEtran.cls for Journals

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Abstract—The abstract goes here.

Index Terms—IEEEtran, journal, LATEX, paper, template.

## I. MODEL DESCRIPTION

A. Model build

THE model itself is built according to (NEED CITATION, Kato,99). Let's suppose that the observed image is:  $F = \left\{ \vec{f_s} \middle| s \in S, \forall i : 0 < \vec{f_s}^i < 1 \right\}$ , where vector  $\vec{f_s}$  is vector that carried intensity of colour for pixel s. The segmentation itself is just labeling of each pixel  $s \in S$  by label  $\omega_s \in \Lambda =$  $\{1,2,...,L\}$ .  $\omega \in \Omega$  denotes a labeling (or segmentation),  $\Omega$ is a set of all possible labeling.

November 18, 2002

B. Subsection Heading Here

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## II. CONCLUSION

The conclusion goes here.

APPENDIX I

PROOF OF THE FIRST ZONKLAR EQUATION

Appendix one text goes here.

APPENDIX II

Appendix two text goes here.

ACKNOWLEDGMENT

The authors would like to thank...

REFERENCES

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

Michael Shell Biography text here.

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**PLACE** PHOTO **HERE** 

John Doe Biography text here.

Jane Doe Biography text here.