XX

Electrocardiography Arrhythmia Analysis With Maximum Variance Unfolding Manifold Learning

Yan Yan, Student Member, IEEE, and Lei Wang, Senior Member, IEEE

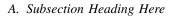
Abstract—The abstract goes here, demo file is intended to serve as a "starter file" for IEEE journal papers

Index Terms—IEEE, IEEEtran, journal, \LaTeX , paper, template.

I. Introduction

THIS demo file is intended to serve as a "starter file" wish you the best of success.

mds August 26, 2015



Subsection text here.

1) Subsubsection Heading Here: Subsubsection text here.

II. THEORY

Subsection text here.

III. MATERIAL AND METHOD

Subsection text here.

IV. RESULTS AND DISCUSSION

Subsection text here.

V. CONCLUSION

Subsection text here.

VI. CONCLUSION

The conclusion goes here.

APPENDIX A
PROOF OF THE FIRST ZONKLAR EQUATION
Appendix one text goes here.

APPENDIX B

Appendix two text goes here.

ACKNOWLEDGMENT

The authors would like to thank...

REFERENCES

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

Y. Yan was with the Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, and University of Chinese Academy of Sciences, China, e-mail: yan.yan@siat.ac.cn.

xx and L. Wang are with Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences.

Manuscript received; revised.



Yan Yan received the B.Eng. degree and the MSc in Instrument Engineering at the Harbin Institute of Technology in 2010 and 2012 respectively. He worked as research assistance at the Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences from 2012 to 2014. He is working on his PhD in Computer Science started from 2014. His research interests are digital signal processing, machine learning, and control system.



Lei Wang received the B.Eng. degree in information and control engineering, and the Ph.D. degree in biomedical engineering from Xian Jiaotong University, Xian, China, in 1995 and 2000, respectively. He was with the University of Glasgow, Glasgow, U.K., and Imperial College London, London, U.K., from 2000 to 2008. He is currently a full professor with the Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China. He has published over 200 scientific papers, authored four book chapters, and holds 60 patents. His current

research interests include body sensor network, digital signal processing, and biomedical engineering