UAV Sensing Implemented Indoor 3D Wi-Fi Spectrum Rebuilding

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Abstract—Nowadays UAV is the most convenient things to implement spectrum seing in indoor or out door circumstance. This statement aims to test the "enter" is allright. So that's why we talk about this.

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

I. Introduction

THIS demo file is intended to serve as a "starter file" for IEEE journal papers produced under LATEX using IEEEtran.cls version 1.7 and later.

I wish you the best of success.

These paper is created by Yang Yuzhe for demo.

Hope it can help you in some ways.

Also, bless for my own paper. Fight on.

Yuzhe Yang December 27, 2016

A. Subsection Heading Here

Subsection text here.

1) Subsubsection Heading Here: Subsubsection text here.

II. CONCLUSION

The conclusion goes here.

 $\begin{array}{c} \text{Appendix A} \\ \text{Proof of the First Zonklar Equation} \end{array}$

Appendix one text goes here.

APPENDIX B

Appendix two text goes here.

ACKNOWLEDGMENT

The authors would like to thank...

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J. Doe and J. Doe are with Anonymous University. Manuscript received April 19, 2005; revised January 11, 2007.

REFERENCES

- Chen H. C., H. T. Kung, D. Vlah, D. Hague, M. Muccio, and B. Poland. Collaborative Compressive Spectrum Sensing in a UAV Environment. In 2011 - MILCOM 2011 Military Communications Conference, 14248, 2011.
- [2] Hingu V., and S. Shah. Block-Wise Eigenvalue Based Spectrum Sensing Algorithm in Cognitive Radio Network. In 2015 9th Asia Modelling Symposium (AMS), 8588, 2015.
- [3] Xue Haozhou, and Feifei Gao. A Machine Learning Based Spectrum-Sensing Algorithm Using Sample Covariance Matrix. In 2015 10th International Conference on Communications and Networking in China (ChinaCom), 47680, 2015.
- [4] Ye Fang, and Xun Zhang. Non-Uniform Quantized Exponential Entropy-Based Spectrum Sensing Algorithm in Cognitive Radio. In 2016 Progress in Electromagnetic Research Symposium (PIERS), 251116, 2016.

Michael Shell Biography text here.

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