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PAPER TITLE (12pt Times New Roman, Bold, Center Aligned)

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### **ABSTRACT**

An abstract of no more than 200 words (10pt Times New Roman, Justified). .(10 pt Time new roman)

**KEYWORDS**: 2-6 Keywords are required (10pt Times New Roman, Justified). .(10 pt Time new roman)

## I. INTRODUCTION (11 Bold)

The introduction of the paper should explain the nature of the problem, previous work, purpose, and the contribution of the paper. The contents of each section may be provided to understand easily about the paper. (10)

### II. HEADINGS(11 Bold)

The headings and subheadings, starting with "I. INTRODUCTION", appear in upper and lower case letters and should be set in bold. All headings from the Introduction to Acknowledgements are numbered sequentially using I, II, III, etc. Subheadings are numbered 1.1, 1.2, etc. If a subsection must be further divided, the numbers 1.1.1, 1.1.2, etc.

The font size for heading is 11 points bold face and subsections with 10 points bold. Do not underline any of the headings, or add dashes, colons, etc. (10)

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The first paragraph under each heading or subheading should be flush left, and subsequent paragraphs should have a five-space indentation. A colon is inserted before an equation is presented, but there is no punctuation following the equation. All equations are numbered and referred to in the text solely by a number enclosed in a round bracket (i.e., (3) reads as "equation 3"). Ensure that any miscellaneous numbering system you use in your paper cannot be confused with a reference [4] or an equation (3) designation. (10 pt Time new roman)

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To ensure a high-quality product, diagrams and lettering MUST be either computer-drafted or drawn using India ink. Figure captions appear below the figure, are flush

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### V. CONCLUSION (11 Bold)

A conclusion section must be included and should indicate clearly the advantages, limitations, and possible applications of the paper. Although a conclusion may review the main points of the paper, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extentions. (10)

#### REFERENCES

- [1] Xue Li, , Vasu D. Chakravarthy, , Bin Wang, and Zhiqiang Wu, "Spreading Code Design of Non-Contiguous SOFDM Adaptive Access" Dynamic Spectrum in IEEE JOURNAL OF SELECTED TOPICS IN SIGNAL PROCESSING, VOL. 5, NO. 1, FEBRUARY 2011
- [2] J. D. Poston and W. D. Horne, "Discontiguous OFDM considerations for dynamic spectrum access in idel TV channels," in Proc. IEEE DySPAN, 2005.
- [3] R. Rajbanshi, Q. Chen, A.Wyglinski, G. Minden, and J. Evans, "Quantitative comparison of agile modulation technique for cognitive radio tranceivers," in Proc. IEEE CCNC, Jan. 2007, pp. 1144–1148.
- [4] V. Chakravarthy, X. Li, Z. Wu, M. Temple, and F. Garber, "Novel overlay/underlay cognitive

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radio waveforms using SD-SMSE framework to enhance spectrum efficiency—Part I," IEEE Trans. Commun., vol. 57, no. 12, pp. 3794–3804, Dec. 2009.

- [5] V. Chakravarthy, Z. Wu, A. Shaw, M. Temple, R. Kannan, and F. Garber, "A general overlay/underlay analytic expression for cognitive radio waveforms," in Proc. Int. Waveform Diversity Design Conf., 2007.
- [6] V. Chakravarthy, Z. Wu, M. Temple, F. Garber, and X. Li, "Cognitive radio centric overlayunderlay waveform," in Proc. 3rd IEEE Symp. New Frontiers Dynamic Spectrum Access Netw., 2008, pp. 1–10.
- [7] X. Li, R. Zhou, V. Chakravarthy, and Z. Wu, "Intercarrier interference immune single carrier OFDM via magnitude shift keying modulation," in Proc. IEEE Global Telecomm. Conf. GLOBECOM, Dec. 2009, pp. 1–6.
- [8] Parsaee, G.; Yarali, A., "OFDMA for the 4th generation cellular networks" in Proc. IEEE Electrical and Computer Engineering, Vol.4, pp. 2325 2330, May 2004.
- [9] 3GPP R1-050971,"R1-050971 Single Carrier Uplink Options for EUTRA: IFDMA/DFT-SOFDM Discussion and Initial Performance Results ",http://www.3GPP.org,Aug 2005