

Automatic Modulation Classification and Blind Equalization for Cognitive Radios

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in partial fulfillment of the requirements for the degree of

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in

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Title : Robust Multiuser Automatic Modulation Classifier For Multipath Fading Channels
Authors: B. Ramkumar, T. Bose, and M. S. Radenkovic
Publication: Proceedings of IEEE DySPAN, Singapore, April 2010.

Title : Combined blind equalization and automatic modulation classification for cognitive radios
Authors: B. Ramkumar, T. Bose, and M. S. Radenkovic
Publication: Proc. IEEE 13th DSP Workshop & 5th SPE Workshop, pp. 172-177, Jan. 2009.

Title : Automatic modulation classification for cognitive radios using cyclic feature detection

Authors: B. Ramkumar

Publication: IEEE Circuits and Systems Magazine, Volume 09, Issue 2, June 2009.

Title : Robust Multiuser Automatic Modulation Classifier For Multipath Fading Channels

Authors: M. S. Radenkovic, T. Bose, and B. Ramkumar

Publication: IEEE Transactions on Circuits and Systems?I, Vol. 57, No. 7, July 2010.

Please let me know if any further information is required. Thank you for your time.

With regards

Barathram. Ramkumar,

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Dear Wireless Innovation Forum Editor

This is Barathram Ramkumar from Virginia Tech USA. I recently published the following papers at the Wireless Innovation Forum 2010.

B. Ramkumar, T. Bose, M. Radenkovic, and R. Thamvichai, "Robust automatic modulation classification and blind equalization: A novel cognitive approach", Proc. SDR Wireless Innovation Conference, pp. 108-113, Nov.-Dec. 2010.

B. Ramkumar, T. Bose, and M. Radenkovic, "Robust cyclic cumulants based multiuser automatic modulation classifier for cognitive radios", Proc. SDR Wireless Innovation Conference, pp. 127-132, Nov.-Dec. 2010.

I am writing my dissertation and I kindly request your permission to include some of the results from the above papers in my dissertation.

With Regards
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