

Publicații

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1) Trifina, L., Rotopănescu, A.M., Gherca, L. and Lupu B., “QPP Interleavers with Dispersion Maximization”, Buletinul Științific al Universității “Politehnica” Timisoara, Tom 53(67), Fascicola 2, pp. 15-20, 25-26 Sept. 2008

2) Trifina, L., Gherca, L., Lupu B. and Rotopănescu, A.M., “Modified Ω' Metric For QPP Interleavers Depending On SNR”, Proceedings of International Symposium on Signals, Circuits and Systems (ISSCS) 2009, Vol. 2, Iași, Romania, pp. 457-460, 9-10 July 2009

3) L. Trifina, D. Tărniceriu and A.M. Rotopănescu, “Asymmetric Turbo Coded Modulation With Transmit And Receive Antenna Diversity”, Buletinul Științific al Universității Politehnica din Timișoara, Seria Electronica si Telecomunicatii, Vol. 55(69), Fasc. 1, pp. 3-7, 2010

4) L. Trifina, D. Tărniceriu and A.M. Rotopănescu, “Performance Analysis of Asymmetric Turbo Coded Modulation With Transmit Antenna Diversity”, Acta Technica Napocensis (Electronics and Telecommunications), Vol. 51, No. 3, pp. 55-58, 2010

5) L. Trifina, D. Tărniceriu, and A.M. Rotopănescu, “Influence of Extrinsic Information Scaling Coefficient on Doubly-Iterative Decoding Algorithm for Space-Time Turbo Codes with Large Number of Antennas”, Advances in Electrical and Computer Engineering, Vol. 11, No. 1, pp. 85-90, 2011

6) A.M. Rotopănescu and L. Trifina, “Doubly Iterative Decoding Of Space-Time Turbo Codes Using Log-App Algorithm”, Acta Technica Napocensis (Electronics and Telecommunications), Vol. 52, No. 1, pp. 28-33, 2011

7) Rotopănescu A.M., Trifina L., “Comparison between Ω' -QPP and random interleavers for space-time turbo codes using doubly iterative decoding algorithm”, 10th International Symposium on Signals, Circuits and Systems (ISSCS) 2011, Iasi, Romania, pp. 411-414, 30 June – 1 July 2011

8) Rotopănescu A.M., and Trifina L., “Asymmetric Turbo Coded Modulation In Mimo Systems Using Doubly Iterative Decoding Algorithm”, Buletinul Institutului Politehnic Iasi, Fasc. 4, pp. 47-56, 2011

9) Rotopănescu, A.M., Trifina, L., and Tărniceriu, D., “Soft Estimates for Doubly Iterative Decoding with 8-PSK and 16-PSK Modulations”, Frequenz, Vol. 66, No. 3-4, 2012

10) Rotopănescu, A.M., Trifina, L., “About symmetric convolutional codes of memory two and three used in space – time coding”, Buletinul Institutului Politehnic Iasi, Fasc. 1, 2012

11) Rotopănescu, A.M., Trifina, L., and Tărniceriu, D., - Soft Estimates for Doubly Iterative Decoding for 16-QAM and 64-QAM Modulation, Buletinul Institutului Politehnic Iasi, Volumul 62 (66), Numărul 2, 2016

12) Rotopănescu, A.M., Trifina, L., and Tărniceriu, D., - Soft estimates for doubly iterative decoding of space-time turbo codes using M-ary Quadrature Amplitude Modulation, International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2017