

Some publications on MTD

1. S.I.Samoilenko, A.A. Davidov, V.V.Zolotarev, E.I.Tretjakova. Computer networks. Adaptability, noise immunity, reliability.- Moscow, "Nauka"("Science"), 1981, 278 pp.
2. J.M.Braude-Zolotarev, V.V.Zolotarev . The characteristics of a coding equipment on a template LSI circuit. - Transactions NIIR, №2, 1986.
3. V.V.Zolotarev. Codes and coding. - "Znanie", ("Knowledge"), Radio electronics and communications, №9, 1990.
4. V.V.Zolotarev. Usage of noiseproof coding in a communication engineering. - Electric communication ("Electrosvjaz"), №7, 1990, p. 7-11.
5. V.V.Zolotarev. Simple error correcting methods for channels with a large noise level. - Radio engineering, №10, 1991.
6. V.V.Zolotarev. The device for linear codes decoding. - Patent of Russia № 2035123.
7. V.V.Zolotarev, I.B.Petrovskij. About coding efficiency in satellite channels. - LIV Scientific session of Popov's RSTSREC dedicated to Day of radio. The theses of the reports. Moscow, 1999, p. 256-258.
8. V.V.Zolotarev. An actual code gain for satellite channels. - In.: 4-th International conference "Satellite communications-2000", vol.2, Moscow, 2000, p. 20-25.
9. V.V.Zolotarev, G.V.Ovechkin. Modification of multithreshold decoding algorithm. - The theses of the reports . 3 International scientific–technical conference. Astronautics, radioelectronics and geoinformational sciences. Ryazan, 2000, p. 146-148.
10. V.V.Zolotarev. Efficiency of the best coding methods for satellite channels. - Transactions of LVI Scientific session Popov's RSTSREC, dedicated to Day of radio. T. 2, Moscow - 2001, pp. 379 - 362.
11. V.V.Zolotarev, G.V.Ovechkin. Comparison of turbo type codes and multithreshold algorithm of decoding. – 10-th International scientific-technological conference "Problems of transmission and data processing in networks and telecommunication systems ". The theses of conference. Ryazan. 2001, p. 193-195.
12. V.V.Zolotarev, G.V.Ovechkin. Effective noiseproof coding algorithms for digital communication systems. - "Electrosvjaz", Moscow, RF, № 9, 2003.
13. V.V.Zolotarev. The characteristics of concatenated multithreshold decoders for satellite communication channels. - In book: 5-th international conference " Digital signal processing and its applications ", Moscow, proceedings-2, 2003, pp. 353-356.
14. V.V.Zolotarev. The Multithreshold Decoder Performance in Gaussian Channels. - In Proc.: 7-th International Symposium on Communication Theory and Applications, held on 13-18 July 2003, St. Martin's College, Ambleside, UK, 7ISCTA'03, pp.18-22.

See also presentation "Review of modern noiseproof coding methods " at the site of Space Researches Institute (SRI) RAS www.iki.rssi.ru in section of seminars on mechanics and informatics sciences at 27.11.2002.

More full representation about MTD can be received at the page SRI RAS www.mtdbest.iki.rssi.ru, completely dedicated to multithreshold decoders. There are new declarations, proposal and other useful information too.

For additional information on MTD algorithms you can phone to Moscow:

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