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References

[08]   *IEEE Personal Commun. Mag., Special Issue on Wireless ATM* vol. 3 1996-08.

[96]   *FLEXChip signal processor (MC68175/D)*, Motorola, 1996.

[97]   *Wireless LAN medium access control (MAC) and physical layer (PHY) specification*, IEEE Std. 802.11, 1997.

[AT00]   J. B. Anderson and K. Tepe, "Properties of the tailbiting BCJR decoder," in *Codes, Systems and Graphical Models*, ser. IMA Volumes in Mathematics and Its Applications. New York: Springer-Verlag, 2000.

[Bre89]   J. Breckling, Ed., *The Analysis of Directional Time Series: Applications to Wind Speed and Direction*, ser. Lecture Notes in Statistics. Berlin, Germany: Springer, 1989, vol. 61.

[Bul64]   B. K. Bul, *Theory Principles and Design of Magnetic Circuits*. Moscow: Energia Press, 1964, p. 464, (in Russian).

[CCF+97]   A. Castaldini, A. Cavallini, B. Fraboni, P. Fernandez, and J. Piqueras, "Midgap traps related to compensation processes in CdTe alloys," *Phys. Rev. B.*, vol. 56, no. 23, pp. 14 897–14 900, 1997.

[CHNY02]   M. Coates, A. Hero, R. Nowak, and B. Yu, "Internet tomography," *IEEE J. Selected Areas Commun.*, May 2002, to be published.

[CT92]   J. C. Candy and G. C. Temes, Eds., *Oversampling Delta-Sigma Data Converters Theory, Design and Simulation*. New York: IEEE Press., 1992.

[Cul72]   B. D. Cullity, *Introduction to Magnetic Materials*. Reading, MA: Addison–Wesley, 1972.

[DPM09a]   W. Dai, H. V. Pham, and O. Milenkovic, "Comparative study of quantized compressive sensing schemes," in *IEEE Information Theory Workshop on Networking and Information Theory*. 2009.

[DPM09b]   ——, "Distortion-rate functions for quantized compressive sensing," in *IEEE Information Theory Workshop on Networking and Information Theory*. 2009.

[DSF+98]   R. M. A. Dawson, Z. Shen, D. A. Furst, S. Connor, J. Hsu, M. G. Kane, R. G. Stewart, A. Ipri, C. N. King, P. J. Green, R. T. Flegal, S. Pearson, W. A. Barrow, E. Dickey, K. Ping, C. W. Tang, S. V. Slyke, F. Chen, J. Shi, J. C. Sturm, and M. H. Lu, "Design of an improved pixel for a polysilicon active-matrix organic LED display," in *SID Tech. Dig.* 1998, vol. 29, pp. 11–14.

[FMB97]   S. G. Finn, M. Médard, and R. A. Barry, "A novel approach to automatic protection switching using trees," presented at the IEEE International Conference on Communications, Montreal, Que., Canada, 1997.

[Hid20]   U. Hideki, "Quadrature modulation circuit," Japanese Patent 152932/92, 1992-05-20.

[HKS95]   P. Hedelin, P. Knagenhjelm, and M. Skoglund, "Theory for transmission of vector quantization data," in *Speech Coding and Synthesis*, W. B. Kleijn and K. K. Paliwal, Eds. Amsterdam, The Netherlands: Elsevier Science, 1995, ch. 10, pp. 347–396.

[Jac04]   V. Jacobson. (1990-04). Modified TCP congestion avoidance algorithm, [Online]. Available: `ftp://ftp.isi.edu/end2end/end2end-interest-1990.mail`.

[JRC08]   R. Jain, K. K. Ramakrishnan, and D. M. Chiu, "Congestion avoidance in computer networks with a connectionless network layer," Digital Equipment Corporation, MA, Tech. Rep. DEC-TR-506, 1987-08.

[Kan10]   S. Kandala, "Changes to Annex D," IEEE, Tech. Rep. 02/680r0, 2002-10.

[Kar01]   A. Karnik, "Performance of TCP congestion control with rate feedback: TCP/ABR and rate adaptive TCP/IP," M. Eng. thesis, Indian Institute of Science, Bangalore, India, 1999-01.

[KI11]   F. Kowalik and M. Isard, "Estimateur d'un défaut de fonctionnement d'un modulateur en quadrature et étage de modulation l'utilisant," French, French Patent Request 9 500 261, 1995-01-11.

[KU]   N. Kahale and R. Urbanke, "On the minimum distance of parallel and serially concatenated codes," *IEEE Trans. Inf. Theory*, submitted for publication.

[Li05]   Q. Li, "Delay characterization and performance control of wide-area networks," PhD thesis, Univ. of Delaware, Newark, NJ, 2000-05. [Online]. Available: `http://www.ece.udel.edu/~qli`.

[LO07]   D. H. Lorenz and A. Orda. (1998-07). Optimal partition of QoS requirements on unicast paths and multicast trees, [Online]. Available: `ftp : / / ftp . technion . ac . il / pub / supported / ee / Network/lor.mopq98.ps`.

[Loh92]   N. C. Loh, "High-resolution micromachined interferometric accelerometer," Master's thesis, Massachusetts Institute of Technology, Cambridge, MA, 1992.

[MRE+99]   B. Mikkelsen, G. Raybon, R.-J. Essiambre, K. Dreyer, Y. Su., L. E. Nelson, J. E. Johnson, G. Shtengel, A. Bond, D. G. Moodie, and A. D. Ellis, "160 Gbit/s single-channel transmission over 300 km nonzero-dispersion fiber with semiconductor based transmitter and demultiplexer," in *Proc. ECOC'99*, Nice, France, 1999, pp. 28–29.

[MS05]   D. Middleton and A. D. Spaulding, "A tutorial review of elements of weak signal detection in non-Gaussian EMI environments," National Telecommunications and Information Administration (NTIA), U.S. Dept. of Commerce, NTIA Report 86-194, 1986-05.

[MV98]   S. M. Metev and V. P. Veiko, *Laser Assisted Microtechnology*, 2nd ed., R. M. Osgood Jr., Ed. Berlin, Germany: Springer-Verlag, 1998.

[OA]   T. J. Ott and N. Aggarwal, "TCP over ATM: ABR or UBR," Unpublished.

[ODO10]   Y. Okada, K. Dejima, and T. Ohishi, "Analysis and comparison of PM synchronous motor and induction motor type magnetic bearings," *IEEE Trans. Ind. Appl.*, vol. 31, pp. 1047–1053, 1995-09/1995-10.

[PFT99]   J. Padhye, V. Firoiu, and D. Towsley, "A stochastic model of TCP Reno congestion avoidance and control," Univ. of Massachusetts, Amherst, MA, CMPSCI Tech. Rep. 99-02, 1999.

[Ros88]   H. E. Rose, *A Course in Number Theory.* New York: Oxford Univ. Press, 1988, ch. 3.

[Sor98]   W. V. Sorin, "Optical reflectometry for component characterization," in *Fiber Optic Test and Measurement*, D. Derickson, Ed. Englewood Cliffs, NJ: Prentice–Hall, 1998.

[SRV16]   R. E. Sorace, V. S. Reinhardt, and S. A. Vaughn, "High-speed digital-to-RF converter," U.S. Patent 5 668 842, 1997-09-16.

[VR98]   V. Valloppillil and K. W. Ross. (1998). Cache array routing protocol v1.1, [Online]. Available: `http : / / ds1 . internic . net / internet-drafts/draft-vinod-carp-v1-03.txt`.

[WvdWOG00]   M. Wegmuller, J. P. von der Weid, P. Oberson, and N. Gisin, "High resolution fiber distributed measurements with coherent OFDR," in *Proc. ECOC'00*, Munich, Germany, 2000, p. 109.

[YH09]   M. S. Yee and L. Hanzo, "Radial basis function decision feedback equaliser assisted burst-by-burst adaptive modulation," in *Proc. IEEE Globecom '99*, Rio de Janeiro, Brazil, 1999-12-05/1999-12-09, pp. 2183–2187.

[YMKT03]   M. Yajnik, S. B. Moon, J. Kurose, and D. Towsley, "Measurement and modeling of the temporal dependence in packet loss," in *Proc. IEEE INFOCOM'99*, vol. 1, New York, 1999-03, pp. 345–352.