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The References section of this document demonstrates the format generated by the package using the biblatex-ieee.bib database of example citations.

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 <i>Codes, systems and graphical models</i> , 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. 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," <i>Phys. rev. b.</i> , vol. 56, no. 23, pp. 14897–14900, 1997.
[CHNY02]	M. Coates, A. Hero, R. Nowak, and B. Yu, "Internet tomography," <i>Ieee j. selected areas commun.</i> , 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.

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- [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 widearea 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.