

The `ieee-alphabetic` bibliography style for `biblatex`*

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This package provides a style for `biblatex` which follows the guidelines of the IEEE but using alphabetic labels. The citation style is alphabetic and sorted by alphabetic label, title and year. The bibliography style follows the pattern of the official `IEEEtran` package (<http://www.ieee.org/documents/stylemanual.pdf>). The style should be loaded in the usual way

```
\usepackage[style=ieee-alphabetic]{biblatex}
```

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 *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.

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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. “Modified TCP congestion avoidance algorithm.” (1990-04), [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,” Ph.D. dissertation, Univ. of Delaware, Newark, NJ, 2000-05. [Online]. Available: <http://www.ece.udel.edu/~qli>.

- [LO07] D. H. Lorenz and A. Orda. “Optimal partition of QoS requirements on unicast paths and multicast trees.” (1998-07), [Online]. Available: <ftp://ftp.technion.ac.il/pub/supported/ee/Network/lor.mopq98.ps>.
- [Loh92] N. C. Loh, “High-resolution micromachined interferometric accelerometer,” M.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. “Cache array routing protocol v1.1.” (1998), [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.