IEEE Reference Guide examples typeset with biblatex-ieee

November 20, 2026

Each example of the IEEE Reference Guide, V 3.28.2025 is shown twice: first as given in the guide ("Guide"; plain text, the guide's italics are not reproduced), then as typeset by biblatex-ieee ("biblatex-ieee") from the entry of `comparison/reference-guide-biblatex.bib` printed below it. Entry types biblatex has no IEEE driver for (legal citations, government documents) are entered as `@misc`. The complete reference list follows at the end.

1 Style

[1] **Guide:** BAR50 Series Infineon PIN Diode Datasheet. (n.d.). [Online]. Available: http://www.infineon.com

biblatex-ieee: "BAR50 Series Infineon PIN Diode Datasheet." [Online]. Available: http://www.infineon.com

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@online{style:nodate,
  title         = {{BAR50 Series Infineon PIN Diode Datasheet}},
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  url           = {http://www.infineon.com},
}
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2 Blogs

[2] **Guide:** A. Weissberger, "FCC approves EchoStar/Dish request to extend timeline for its 5G buildout," IEEE ComSoc Technol. Blog, Sep. 23, 2024. [Online]. Available: https://techblog.comsoc.org/2024/09/23/fcc-approves-echostar-dish-request-to-extend-timeline-for-its-5g-buildout/

biblatex-ieee: A. Weissberger, "FCC approves EchoStar/Dish request to extend timeline for its 5G buildout," *IEEE ComSoc Technol. Blog*, Sep. 23, 2024. [Online]. Available: https://techblog.comsoc.org/2024/09/23/fcc-approves-echostar-dish-request-to-extend-timeline-for-its-5g-buildout/

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  date          = {2024-09-23},
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  ↪ quest-to-extend-timeline-for-its-5g-buildout/},
}
```

[3] **Guide:** M. Owens, "How two Cisco women leaned in and supercharged their careers," Cisco Blogs, Jun. 23, 2023. [Online]. Available: https://blogs.cisco.com/diversity/how-two-cisco-women-leaned-in-and-supercharged-their-careers

biblatex-ieee: M. Owens, "How two Cisco women leaned in and supercharged their careers," *Cisco Blogs*, Jun. 23, 2023. [Online]. Available: https://blogs.cisco.com/diversity/how-two-cisco-women-leaned-in-and-supercharged-their-careers

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  ↪ supercharged-their-careers},
}
```

3 Books

3.1 Book

[4] **Guide:** B. Klaus and P. Horn, Robot Vision. Cambridge, MA, USA: MIT Press, 1986.

biblatex-ieee: B. Klaus and P. Horn, *Robot Vision*. Cambridge, MA, USA: MIT Press, 1986.

BibTeX:

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@book{book:klaus,
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  title         = {Robot Vision},
  location      = {Cambridge, MA, USA},
  publisher     = {MIT Press},
  date          = {1986},
}
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[5] **Guide:** L. Stein, "Random patterns," in Computers and You, J. S. Brake, Ed., New York, NY, USA: Wiley, 1994, pp. 55–70.

biblatex-ieee: L. Stein, "Random patterns," in *Computers and You*, J. S. Brake, Ed., New York, NY, USA: Wiley, 1994, pp. 55–70.

BibTeX:

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@incollection{book:stein,
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  location      = {New York, NY, USA},
  publisher     = {Wiley},
  date          = {1994},
  pages         = {55--70},
}
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[6] **Guide:** R. L. Myer, "Parametric oscillators and nonlinear materials," in Nonlinear Optics, vol. 4, P. G. Harper and B. S. Wherret, Eds., San Francisco, CA, USA: Academic, 1977, pp. 47–160.

biblatex-ieee: R. L. Myer, "Parametric oscillators and nonlinear materials," in *Nonlinear Optics*, P. G. Harper and B. S. Wherret, Eds., vol. 4. San Francisco, CA, USA: Academic, 1977, pp. 47–160.

BibTeX:

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@incollection{book:myer,
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  title         = {Parametric oscillators and nonlinear materials},
  booktitle     = {Nonlinear Optics},
  volume        = {4},
  editor        = {P. G. Harper and B. S. Wherret},
  location      = {San Francisco, CA, USA},
  publisher     = {Academic},
  date          = {1977},
  pages         = {47--160},
}
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[7] **Guide:** M. Abramowitz and I. A. Stegun, Eds., Handbook of Mathematical Functions (Applied Mathematics Series 55). Washington, DC, USA: NBS, 1964, pp. 32–33.

biblatex-ieee: M. Abramowitz and I. A. Stegun, Eds., *Handbook of Mathematical Functions* (Applied Mathematics Series 55). Washington, DC, USA: NBS, 1964, pp. 32–33.

BibTeX:

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@book{book:abramowitz,
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  series        = {Applied Mathematics Series},
  number        = {55},
  location      = {Washington, DC, USA},
  publisher     = {NBS},
  date          = {1964},
  pages         = {32--33},
}
```

[8] **Guide:** E. F. Moore, "Gedanken-experiments on sequential machines," in Automata Studies (Ann. of Math. Studies, no. 1), C. E. Shannon and J. McCarthy, Eds., Princeton, NJ, USA: Princeton Univ. Press, 1965, pp. 129–153.

biblatex-ieee: E. F. Moore, "Gedanken-experiments on sequential machines," in *Automata Studies*, ser. Ann. of Math. Studies 1, C. E. Shannon and J. McCarthy, Eds., Princeton, NJ, USA: Princeton Univ. Press, 1965, pp. 129–153.

BibTeX:

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  title        = {Gedanken-experiments on sequential machines},
  booktitle    = {Automata Studies},
  series       = {Ann. of Math. Studies},
  number       = {1},
  editor       = {C. E. Shannon and J. McCarthy},
  location     = {Princeton, NJ, USA},
  publisher    = {Princeton Univ. Press},
  date         = {1965},
  pages        = {129--153},
}
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[9] **Guide:** Westinghouse Electric Corporation (Staff of Technology and Science, Aerospace Div.), Integrated Electronic Systems. Englewood Cliffs, NJ, USA: Prentice-Hall, 1970.

biblatex-ieee: Westinghouse Electric Corporation (Staff of Technology and Science, Aerospace Div.), *Integrated Electronic Systems*. Englewood Cliffs, NJ, USA: Prentice-Hall, 1970.

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@book{book:westinghouse,
  author       = {{Westinghouse Electric Corporation (Staff of Technology and Science,
  ↪  Aerospace Div.)}},
  title        = {Integrated Electronic Systems},
  location     = {Englewood Cliffs, NJ, USA},
  publisher    = {Prentice-Hall},
  date         = {1970},
}
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[10] **Guide:** A. Histace, "Image restoration—Recent advances and applications," in Super-Resolution Restoration and Image Reconstruction for Passive Millimeter Wave Imaging. Rijeka, Croatia: InTech, 2012, pp. 25–45.

biblatex-ieee: A. Histace, "Image restoration—Recent advances and applications," in *Super-Resolution Restoration and Image Reconstruction for Passive Millimeter Wave Imaging*. Rijeka, Croatia: InTech, 2012, pp. 25–45.

BibTeX:

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@incollection{book:histace,
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  title        = {Image restoration---{Recent} advances and applications},
  booktitle    = {Super-Resolution Restoration and Image Reconstruction for Passive
  ↪  Millimeter Wave Imaging},
  location     = {Rijeka, Croatia},
  publisher    = {InTech},
  date         = {2012},
  pages        = {25--45},
}
```

3.2 Books, Monographs (Online)

[11] **Guide:** G. O. Young, "Synthetic structure of industrial plastics," in Plastics, vol. 3, Polymers of Hexadromicon, J. Peters, Ed., 2nd ed. New York, NY, USA: McGraw-Hill, 1964, pp. 15–64. [Online]. Available: `https://www.scirp.org`

biblatex-ieee: G. O. Young, "Synthetic structure of industrial plastics," in *Polymers of Hexadromicon*, in Plastics, J. Peters, Ed., 2nd ed. New York, NY, USA: McGraw-Hill, 1964, pp. 15–64. [Online]. Available: `https://www.scirp.org`

BibTeX:

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  editor        = {J. Peters},
  edition       = {2},
  location      = {New York, NY, USA},
  publisher     = {McGraw-Hill},
  date          = {1964},
  pages         = {15--64},
  url           = {https://www.scirp.org},
}
```

[12] **Guide:** The Terahertz Wave eBook. ZOmega Terahertz Corp., 2014. Accessed: May 19, 2014. [Online]. Available: `https://www.scribd.com/document/322662319/Thz-zomega-ebook-pdf-1206-sr-pdf`

biblatex-ieee: *The Terahertz Wave eBook*. ZOmega Terahertz Corp., 2014. Accessed: May 19, 2014. [Online]. Available: `https://www.scribd.com/document/322662319/Thz-zomega-ebook-pdf-1206-sr-pdf`

BibTeX:

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  url           =
  ↪  {https://www.scribd.com/document/322662319/Thz-zomega-ebook-pdf-1206-sr-pdf},
}
```

[13] **Guide:** P. B. Kurland and R. Lerner, Eds. The Founders' Constitution. Chicago, IL, USA: Univ. of Chicago Press, 1987. Accessed: Feb. 28, 2010. [Online]. Available: `http://press-pubs.uchicago.edu/founders/`

biblatex-ieee: P. B. Kurland and R. Lerner, Eds., *The Founders' Constitution*. Chicago, IL, USA: Univ. of Chicago Press, 1987. Accessed: Feb. 28, 2010. [Online]. Available: `http://press-pubs.uchicago.edu/founders/`

BibTeX:

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  date          = {1987},
  urldate       = {2010-02-28},
  url           = {http://press-pubs.uchicago.edu/founders/},
}
```

3.3 Book (Foreign Publication or Translated)

[14] **Guide:** K. Ichiro, Thai Economy and Railway 1885–1935, Tokyo: Nihon Keizai Hyoronsha (in Japanese), 2000.

biblatex-ieee: K. Ichiro, *Thai Economy and Railway 1885–1935*, Japanese. Tokyo: Nihon Keizai Hyoronsha, 2000.

BibTeX:

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@book{book:ichiro,
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  title         = {Thai Economy and Railway 1885--1935},
  location      = {Tokyo},
  publisher     = {Nihon Keizai Hyoronsha},
  language      = {japanese},
  date          = {2000},
}
```

[15] **Guide:** L. S. Pontryagin, V. G. Boltyanskii, R. V. Gamkrelidze, and E. F. Mishchenko, "The Maximum Principle," in The Mathematical Theory of Optimal Processes, Moscow, USSR: Izdatel'stvo Nauka (in Russian), 1961, ch. 1, sect. 3, pp. 17-20.

biblatex-ieee: L. S. Pontryagin, V. G. Boltyanskii, R. V. Gamkrelidze, and E. F. Mishchenko, "The Maximum Principle," Russian, in *The Mathematical Theory of Optimal Processes*. Moscow, USSR: Izdatel'stvo Nauka, 1961, ch. 1, pp. 17–20.

BibTeX:

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@inbook{book:pontryagin,
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  booktitle     = {The Mathematical Theory of Optimal Processes},
  location      = {Moscow, USSR},
  publisher     = {Izdatel'stvo Nauka},
  language      = {russian},
  date          = {1961},
  chapter       = {1},
  pages         = {17--20},
}
```

[16] **Guide:** J.-L. Dessalles, Why We Talk: The Evolutionary Origins of Language, trans. James Grieve. Oxford, U.K.: Oxford Univ. Press, 2007.

biblatex-ieee: J.-L. Dessalles, *Why We Talk: The Evolutionary Origins of Language*, trans. by J. Grieve. Oxford, U.K.: Oxford Univ. Press, 2007.

BibTeX:

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  title         = {Why We Talk: The Evolutionary Origins of Language},
  translator    = {James Grieve},
  location      = {Oxford, U.K.},
  publisher     = {Oxford Univ. Press},
  date          = {2007},
}
```

[17] **Guide:** R. Menchú, Crossing Borders, trans. Ann Wright, Ed., New York, NY, USA: Verso, 1999.

biblatex-ieee: R. Menchú, *Crossing Borders*, A. Wright, Ed., trans. by A. Wright. New York, NY, USA: Verso, 1999.

BibTeX:

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  editor        = {Ann Wright},
  location      = {New York, NY, USA},
  publisher     = {Verso},
  date          = {1999},
}
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3.4 Book With Chapter Title

[18] **Guide:** T. Ogura, "Electronic government and surveillance-oriented society," in Theorizing Surveillance: The Panopticon and Beyond. Cullompton, U.K.: Willan, 2006, ch. 13, pp. 270–295.

biblatex-ieee: T. Ogura, "Electronic government and surveillance-oriented society," in *Theorizing Surveillance: The Panopticon and Beyond*. Cullompton, U.K.: Willan, 2006, ch. 13, pp. 270–295.

BibTeX:

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  title         = {Electronic government and surveillance-oriented society},
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  location      = {Cullompton, U.K.},
  publisher     = {Willan},
  date          = {2006},
  chapter       = {13},
  pages         = {270--295},
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[19] **Guide:** L. Li, J. Yang, and C. Li, "Super-resolution restoration and image reconstruction for passive millimeter wave imaging," in Image Restoration—Recent Advances and Applications, A. Histace, Ed., Rijeka, Croatia: InTech, 2012, pp. 25–45.

biblatex-ieee: L. Li, J. Yang, and C. Li, "Super-resolution restoration and image reconstruction for passive millimeter wave imaging," in *Image Restoration—Recent Advances and Applications*, A. Histace, Ed., Rijeka, Croatia: InTech, 2012, pp. 25–45.

BibTeX:

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  booktitle     = {Image Restoration---Recent Advances and Applications},
  editor        = {A. Histace},
  location      = {Rijeka, Croatia},
  publisher     = {InTech},
  date          = {2012},
  pages         = {25--45},
}
```

3.5 Book With Editor(s)

[5] **Guide:** L. Stein, "Random patterns," in Computers and You, J. S. Brake, Ed., New York, NY, USA: Wiley, 1994, pp. 55–70.

biblatex-ieee: L. Stein, "Random patterns," in *Computers and You*, J. S. Brake, Ed., New York, NY, USA: Wiley, 1994, pp. 55–70.

BibTeX:

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@incollection{book:stein,
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  booktitle     = {Computers and You},
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  location      = {New York, NY, USA},
  publisher     = {Wiley},
  date          = {1994},
  pages         = {55--70},
}
```

[20] **Guide:** C. Bennett, "What happens when you book an airline ticket? The collection and processing of passenger data post-9/11," in Global Surveillance and Policing: Borders, Security, Identity, E. Zureik and M. Salter, Eds., Cullompton, U.K.: Willan, 2005, pp. 113–138.

biblatex-ieee: C. Bennett, "What happens when you book an airline ticket? The collection and processing of passenger data post-9/11," in *Global Surveillance and Policing: Borders, Security, Identity*, E. Zureik and M. Salter, Eds., Cullompton, U.K.: Willan, 2005, pp. 113–138.

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  booktitle     = {Global Surveillance and Policing: Borders, Security, Identity},
  editor        = {E. Zureik and M. Salter},
  location      = {Cullompton, U.K.},
  publisher     = {Willan},
  date          = {2005},
  pages         = {113--138},
}
```

[21] **Guide:** W. R. Leonard and M. H. Crawford, Eds. Human Biology of Pastoral Populations. New York, NY, USA: Cambridge Univ. Press, 2002.

biblatex-ieee: W. R. Leonard and M. H. Crawford, Eds., *Human Biology of Pastoral Populations*. New York, NY, USA: Cambridge Univ. Press, 2002.

BibTeX:

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  title         = {Human Biology of Pastoral Populations},
  location      = {New York, NY, USA},
  publisher     = {Cambridge Univ. Press},
  date          = {2002},
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```

3.6 Book With Series Title, Volume Title, and Edition

[22] **Guide:** M. Feistauer, "Irrotational Incompressible Flow," in Mathematical Methods in Fluid Dynamics (Monographs and Surveys in Pure and Applied Mathematics Series, 67). Harlow, U.K.: Longman, 1993, ch. 2, pp. 77-186.

biblatex-ieee: M. Feistauer, "Irrotational Incompressible Flow," in *Mathematical Methods in Fluid Dynamics* (Monographs and Surveys in Pure and Applied Mathematics Series 67). Harlow, U.K.: Longman, 1993, ch. 2, pp. 77–186.

BibTeX:

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@inbook{book:feistauer,
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  title         = {{Irrotational Incompressible Flow}},
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  series        = {Monographs and Surveys in Pure and Applied Mathematics Series},
  number        = {67},
  location      = {Harlow, U.K.},
  publisher     = {Longman},
  date          = {1993},
  chapter       = {2},
  pages         = {77--186},
}
```

[7] **Guide:** M. Abramowitz and I. A. Stegun, Eds. Handbook of Mathematical Functions (Applied Mathematics Series 55). Washington, DC, USA: NBS, 1964, pp. 32–33.

biblatex-ieee: M. Abramowitz and I. A. Stegun, Eds., *Handbook of Mathematical Functions* (Applied Mathematics Series 55). Washington, DC, USA: NBS, 1964, pp. 32–33.

BibTeX:

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  location      = {Washington, DC, USA},
  publisher     = {NBS},
  date          = {1964},
  pages         = {32--33},
}
```

[8] **Guide:** E. F. Moore, "Gedanken-experiments on sequential machines," in Automata Studies (Ann. of Math. Studies, no. 1), C. E. Shannon and J. McCarthy, Eds., Princeton, NJ, USA: Princeton Univ. Press, 1965, pp. 129–153.

biblatex-ieee: E. F. Moore, "Gedanken-experiments on sequential machines," in *Automata Studies*, ser. Ann. of Math. Studies 1, C. E. Shannon and J. McCarthy, Eds., Princeton, NJ, USA: Princeton Univ. Press, 1965, pp. 129–153.

BibTeX:

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  location      = {Princeton, NJ, USA},
  publisher     = {Princeton Univ. Press},
  date          = {1965},
  pages         = {129--153},
}
```

4 Conferences and Conference Proceedings

4.1 Conference Paper (Paper Presented at a Conference)

[23] **Guide:** D. Caratelli, M. C. Viganó, G. Toso, and P. Angeletti, "Analytical placement technique for sparse arrays," presented at the 32nd ESA Antenna Workshop, Noordwijk, The Netherlands, Oct. 5–8, 2010.

biblatex-ieee: D. Caratelli, M. C. Viganó, G. Toso, and P. Angeletti, "Analytical placement technique for sparse arrays," presented at the 32nd ESA Antenna Workshop (Noordwijk, The Netherlands, Oct. 5–8, 2010).

BibTeX:

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@inproceedings{conf:caratelli,
  author        = {D. Caratelli and M. C. Viganó and G. Toso and P. Angeletti},
  title         = {Analytical placement technique for sparse arrays},
  eventtitle    = {32nd ESA Antenna Workshop},
  venue         = {Noordwijk, The Netherlands},
  eventdate     = {2010-10-05/2010-10-08},
}
```

[24] **Guide:** J. G. Kreifeldt, "An analysis of surface-detected EMG as an amplitude-modulated noise," presented at the 1989 Int. Conf. Med. Biol. Eng., Chicago, IL, USA, Nov. 9–12, 1989.

biblatex-ieee: J. G. Kreifeldt, "An analysis of surface-detected EMG as an amplitude-modulated noise," presented at the 1989 Int. Conf. Med. Biol. Eng. (Chicago, IL, USA, Nov. 9–12, 1989).

BibTeX:

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@inproceedings{conf:kreifeldt,
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  title         = {An analysis of surface-detected {EMG} as an amplitude-modulated
  ↪  noise},
  eventtitle    = {1989 Int. Conf. Med. Biol. Eng.},
  venue         = {Chicago, IL, USA},
  eventdate     = {1989-11-09/1989-11-12},
}
```

[25] **Guide:** G. W. Juette and L. E. Zeffanella, "Radio noise currents on short sections on bundle conductors," presented at the IEEE Summer Power Meeting, Dallas, TX, USA, Jun. 22–27, 1990, Paper 90 SM 690-0 PWRS.

biblatex-ieee: G. W. Juette and L. E. Zeffanella, "Radio noise currents on short sections on bundle conductors," presented at the IEEE Summer Power Meeting (Dallas, TX, USA, Jun. 22–27, 1990), 90 SM 690-0 PWRS.

BibTeX:

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@inproceedings{conf:juette,
  author        = {G. W. Juette and L. E. Zeffanella},
  title         = {Radio noise currents on short sections on bundle conductors},
  eventtitle    = {IEEE Summer Power Meeting},
  venue         = {Dallas, TX, USA},
  eventdate     = {1990-06-22/1990-06-27},
  number        = {90 SM 690-0 PWRS},
}
```

[26] **Guide:** J. Arrillaga and B. Giessner, "Limitation of short-circuit levels by means of HVDC links," presented at the IEEE Summer Power Meeting, Los Angeles, CA, USA, Jul. 12–17, 1990, Paper 70 CP 637.

biblatex-ieee: J. Arrillaga and B. Giessner, "Limitation of short-circuit levels by means of HVDC links," presented at the IEEE Summer Power Meeting (Los Angeles, CA, USA, Jul. 12–17, 1990), 70 CP 637.

BibTeX:

```
@inproceedings{conf:arrillaga,
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  title         = {Limitation of short-circuit levels by means of {HVDC} links},
  eventtitle    = {IEEE Summer Power Meeting},
  venue         = {Los Angeles, CA, USA},
  eventdate     = {1990-07-12/1990-07-17},
  number        = {70 CP 637},
}
```

4.2 Conference Proceedings in Print

[27] **Guide:** A. Amador-Perez and R. A. Rodriguez-Solis, "Analysis of a CPW-fed annular slot ring antenna using DOE," in Proc. IEEE Antennas Propag. Soc. Int. Symp., Jul. 2006, pp. 4301–4304.

biblatex-ieee: A. Amador-Perez and R. A. Rodriguez-Solis, "Analysis of a CPW-fed annular slot ring antenna using DOE," in *Proc. IEEE Antennas Propag. Soc. Int. Symp.*, Jul. 2006, pp. 4301–4304.

BibTeX:

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@inproceedings{conf:amador,
  author        = {A. Amador-Perez and R. A. Rodriguez-Solis},
  title         = {Analysis of a {CPW}-fed annular slot ring antenna using {DOE}},
  booktitle     = {Proc. IEEE Antennas Propag. Soc. Int. Symp.},
  date          = {2006-07},
  pages         = {4301--4304},
}
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[28] **Guide:** G. R. Faulhaber, "Design of service systems with priority reservation," in Conf. Rec. 1995 IEEE Int. Conf. Commun., pp. 3–8. (If the year is given in the conference title, it may be omitted from the end of the reference.)

biblatex-ieee: G. R. Faulhaber, "Design of service systems with priority reservation," in *Conf. Rec. 1995 IEEE Int. Conf. Commun.*, pp. 3–8.

BibTeX:

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@inproceedings{conf:faulhaber,
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  booktitle     = {Conf. Rec. 1995 IEEE Int. Conf. Commun.},
  pages         = {3--8},
}
```

[29] **Guide:** S. P. Bingulac, "On the compatibility of adaptive controllers," in Proc. 4th Annu. Allerton Conf. Circuit Syst. Theory, New York, NY, USA, 1994, pp. 8–16.

biblatex-ieee: S. P. Bingulac, "On the compatibility of adaptive controllers," in *Proc. 4th Annu. Allerton Conf. Circuit Syst. Theory*, New York, NY, USA, 1994, pp. 8–16.

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@inproceedings{conf:bingulac,
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  location      = {New York, NY, USA},
  date          = {1994},
  pages         = {8--16},
}
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[30] **Guide:** W. D. Doyle, "Magnetization reversal in films with biaxial anisotropy," in 1987 Proc. INTERMAG Conf., pp. 2.2-1–2.2-6.

biblatex-ieee: W. D. Doyle, "Magnetization reversal in films with biaxial anisotropy," in *1987 Proc. INTERMAG Conf.*, pp. 2.2-1–2.2-6.

BibTeX:

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  pages         = {2.2-1--2.2-6},
}
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[31] **Guide:** C. T. Meadow and D. W. Waugh, "Computer assisted interrogation," in 1991 Fall Joint Comput. Conf., Proc. AFIPS Conf., vol. 29. Washington, DC, USA: Spartan, 1991, pp. 381–394.

biblatex-ieee: C. T. Meadow and D. W. Waugh, "Computer assisted interrogation," in *1991 Fall Joint Comput. Conf.*, ser. Proc. AFIPS Conf. Vol. 29, Washington, DC, USA: Spartan, 1991, pp. 381–394.

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  date          = {1991},
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[32] **Guide:** P. C. Parks, “Lyapunov redesign of model reference adaptive control systems,” in 1993 Joint Automatic Control Conf., Preprints, pp. 485–491.

biblatex-ieee: P. C. Parks, “Lyapunov redesign of model reference adaptive control systems,” in *1993 Joint Automatic Control Conf., Preprints*, pp. 485–491.

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@inproceedings{conf:parks,
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  title         = {Lyapunov redesign of model reference adaptive control systems},
  booktitle     = {1993 Joint Automatic Control Conf., Preprints},
  pages         = {485--491},
}
```

[33] **Guide:** T. S. Hsia, “System identification,” in IEDM Tech. Dig., 1993, vol. 2, no. 8, pp. 6–13.

biblatex-ieee: T. S. Hsia, “System identification,” in *IEDM Tech. Dig.*, vol. 2, 1993, pp. 6–13.

BibTeX:

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  volume        = {2},
  number        = {8},
  pages         = {6--13},
}
```

4.3 Conference Proceedings With DOI

[34] **Guide:** G. Veruggio, “The EURON roboethics roadmap,” in Proc. Humanoids ’06: 6th IEEE-RAS Int. Conf. Humanoid Robots, 2006, pp. 612–617, doi: 10.1109/ICHR.2006.321337.

biblatex-ieee: G. Veruggio, “The EURON roboethics roadmap,” in *Proc. Humanoids ’06: 6th IEEE-RAS Int. Conf. Humanoid Robots*, 2006, pp. 612–617, doi: 10.1109/ICHR.2006.321337.

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@inproceedings{conf:veruggio,
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  pages         = {612--617},
  doi           = {10.1109/ICHR.2006.321337},
}
```

[35] **Guide:** J. Zhao, G. Sun, G. H. Loh, and Y. Xie, “Energy-efficient GPU design with reconfigurable in-package graphics memory,” in Proc. ACM/IEEE Int. Symp. Low Power Electron. Design (ISLPED), Jul. 2012, pp. 403–408, doi: 10.1145/2333660.2333752.

biblatex-ieee: J. Zhao, G. Sun, G. H. Loh, and Y. Xie, “Energy-efficient GPU design with reconfigurable in-package graphics memory,” in *Proc. ACM/IEEE Int. Symp. Low Power Electron. Design (ISLPED)*, Jul. 2012, pp. 403–408, doi: 10.1145/2333660.2333752.

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@inproceedings{conf:zhao,
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  date          = {2012-07},
  pages         = {403--408},
  doi           = {10.1145/2333660.2333752},
}
```

4.4 Conference Proceedings With Editors

[36] **Guide:** A. Amador-Perez and R. A. Rodriguez-Solis, "Analysis of a CPW-fed annular slot ring antenna using DOE," in Proc. IEEE Antennas Propag. Soc. Int. Symp., A. Amador-Perez and R. A. Rodriguez-Solis, Eds. Jul. 2006, pp. 4301–4304.

biblatex-ieee: A. Amador-Perez and R. A. Rodriguez-Solis, "Analysis of a CPW-fed annular slot ring antenna using DOE," in *Proc. IEEE Antennas Propag. Soc. Int. Symp.*, A. Amador-Perez and R. A. Rodriguez-Solis, Eds., Jul. 2006, pp. 4301–4304.

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  pages         = {4301--4304},
}
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[37] **Guide:** D. B. Armstrong, G. J. Fogarty, and D. Dingsdag, "Scales measuring characteristics of small business information systems," in Proc. Res., Relevance Rigour: Coming of Age: 18th Australasian Conf. Inf. Syst., W-G. Tan, Ed. 2007, pp. 163–171.

biblatex-ieee: D. B. Armstrong, G. J. Fogarty, and D. Dingsdag, "Scales measuring characteristics of small business information systems," in *Proc. Res., Relevance Rigour: Coming of Age: 18th Australasian Conf. Inf. Syst.*, W.-G. Tan, Ed., 2007, pp. 163–171.

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  ↪  Inf. Syst.},
  editor        = {W-G. Tan},
  date          = {2007},
  pages         = {163--171},
}
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[38] **Guide:** P. Funes, B. Orme, and E. Bonabeau, "Evolving emergent group behaviors for simple human agents," in Proc. 7th Eur. Conf. Artif. Life, P. Dittrich and J. T. Kim, Eds. Sep. 2003, pp. 76–89.

biblatex-ieee: P. Funes, B. Orme, and E. Bonabeau, "Evolving emergent group behaviors for simple human agents," in *Proc. 7th Eur. Conf. Artif. Life*, P. Dittrich and J. T. Kim, Eds., Sep. 2003, pp. 76–89.

BibTeX:

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  editor        = {P. Dittrich and J. T. Kim},
  date          = {2003-09},
  pages         = {76--89},
}
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[39] **Guide:** L. S. Carmichael, N. Ghani, P. K. Rajan, K. O'Donoghue, and R. Holt, "Characterization and comparison of modern layer-2 Ethernet survivability protocols," in Proc. 37th Southeastern Symp. Syst. Theory (SSST 2005), Tuskegee, AL, USA, Mar. 20–22, 2005, pp. 124–129.

biblatex-ieee: L. S. Carmichael, N. Ghani, P. K. Rajan, K. O'Donoghue, and R. Holt, "Characterization and comparison of modern layer-2 Ethernet survivability protocols," in *Proc. 37th Southeastern Symp. Syst. Theory (SSST 2005)*, (Tuskegee, AL, USA, Mar. 20–22, 2005), 2005, pp. 124–129.

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  date          = {2005},
  pages         = {124--129},
}
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[40] **Guide:** D. Sarkar and K. V. Srivastava, "SRR-loaded antipodal Vivaldi antenna for UWB applications with tunable notch function," in Proc. Int. Symp. Electromagn. Theory, Hiroshima, Japan, 2013, pp. 466–469.

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4.6 Conference Proceedings With Series Title, Volume Title, and Edition

[41] **Guide:** A. Amador-Perez and R. A. Rodriguez-Solis, "Analysis of a CPW-fed annular slot ring antenna using DOE," in Proc. IEEE Antennas Propag. Soc. Int. Symp., in Slot Ring Antennas II, vol. 3, 2nd ed., Jul. 2006, pp. 4301–4304.

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@inproceedings{conf:amadorseries,
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  volume        = {3},
  edition       = {2},
  date          = {2006-07},
  pages         = {4301--4304},
}
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[42] **Guide:** Process Software Corp., Framingham, MA, USA. Intranets: Internet technologies deployed behind the firewall for corporate productivity. Presented at INET'96 Annu. Meeting. [Online]. Available: http://www.process.com/Intranets/wp2.htp

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  url           = {http://www.process.com/Intranets/wp2.htp},
}
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[43] **Guide:** J. A. Taylor. (Nov. 2006). Assessment: A tool for development and engagement in the first year of university study. Presented at Engaging Students: 9th Pacific Rim in Higher Education (FYHE) Conf., Griffith, Australia. [Online]. Available: http://www.fyhe.com.au/past_papers/2006/Papers/Taylor.pdf

biblatex-ieee: J. A. Taylor. "Assessment: A tool for development and engagement in the first year of university study." [Online]. Available: http://www.fyhe.com.au/past_papers/2006/Papers/Taylor.pdf

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  date          = {2006-11},
  url           = {http://www.fyhe.com.au/past_papers/2006/Papers/Taylor.pdf},
}
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[44] **Guide:** V. Chandrasekaran, S. Sanghavi, P. A. Parrilo, and A. S. Willsky. (2009). Sparse and low-rank matrix decompositions. Presented at IFAC 2009. [Online]. Available: http://www.sciencedirect.com/science/article/pii/S1474667016388632

biblatex-ieee: V. Chandrasekaran, S. Sanghavi, P. A. Parrilo, and A. S. Willsky. "Sparse and low-rank matrix decompositions." [Online]. Available: http://www.sciencedirect.com/science/article/pii/S1474667016388632

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  date          = {2009},
  url           = {http://www.sciencedirect.com/science/article/pii/S1474667016388632},
}
```

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[45] **Guide:** T. Schubert, "Real challenges and solutions for validating system-on-chip high level formal verification of next-generation microprocessors," in Proc. 40th Design Automat. Conf. (DAC'03), Jun. 2–6, 2003. [Online]. Available: https://www.dac.com/content/40th-dac

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  url           = {https://www.dac.com/content/40th-dac},
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[46] **Guide:** J. Yanamadala et al., "Segmentation of the visible human project (VHP) female cryosection images within MATLAB environment," in Proc. 23rd Int. Meshing Roundtable, London, U.K., Oct. 2014. [Online]. Available: https://feup.libguides.com/ieee/comunicacoes

biblatex-ieee: J. Yanamadala et al., "Segmentation of the visible human project (VHP) female cryosection images within MATLAB environment," in *Proc. 23rd Int. Meshing Roundtable*, (London, U.K.), Oct. 2014. [Online]. Available: https://feup.libguides.com/ieee/comunicacoes

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  date          = {2014-10},
  url           = {https://feup.libguides.com/ieee/comunicacoes},
}
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[47] **Guide:** Argosy University Online. (2012). Information literacy and communication. [Online]. Available: http://www.myeclassonline.com

biblatex-ieee: Argosy University Online. "Information literacy and communication." [Online]. Available: http://www.myeclassonline.com

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@online{course:argosy,
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  title         = {Information literacy and communication},
  date          = {2012},
  url           = {http://www.myeclassonline.com},
}
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[48] **Guide:** Q. Oden. Mud and Bones–Geology Coursepack. (2014, Winter). GEOG 042. Cranbrook, Canada: College of the Rockies

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  publisher     = {College of the Rockies},
}
```

6 Datasets

[49] **Guide:** S. Ansolabehere, M. Palmer, and A. Lee, January 20, 2014, "Precinct-Level Election Data. V1," distributed by Harvard Election Data Archive, http://hdl.handle.net/1902.1/21919 UNF:5:5C9UfGjdLy2ONVPtgr45qA==

biblatex-ieee: S. Ansolabehere, M. Palmer, and A. Lee, *Precinct-level election data. V1*, Harvard Election Data Archive, Jan. 20, 2014. [Online]. Available: http://hdl.handle.net/1902.1/21919 UNF:5:5C9UfGjdLy2ONVPtgr45qA==.

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}
```

[50] **Guide:** U.S. Department of Health and Human Services, Aug. 2013, "Treatment Episode Dataset: Discharges (TEDS-D): Concatenated, 2006 to 2009," U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Office of Applied Studies, doi: 10.3886/ICPSR30122.v2.

biblatex-ieee: U.S. Department of Health and Human Services, *Treatment episode dataset: Discharges (TEDS-D): Concatenated, 2006 to 2009*, U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Office of Applied Studies, Aug. 2013, doi: 10.3886/ICPSR30122.v2.

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  ↪  Mental Health Services Administration, Office of Applied Studies}},
  date          = {2013-08},
  doi           = {10.3886/ICPSR30122.v2},
}
```

[51] **Guide:** U.S. Department of Health and Human Services, Aug. 2013, "Treatment Episode Dataset: Discharges (TEDS-D): Concatenated, 2006 to 2009," U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Office of Applied Studies. [Online]. Available: http://www.icpsr.umich.edu/icpsrweb/SAMHDA/studies/30122/version/

biblatex-ieee: U.S. Department of Health and Human Services, *Treatment episode dataset: Discharges (TEDS-D): Concatenated, 2006 to 2009*, U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Office of Applied Studies, Aug. 2013. [Online]. Available: http://www.icpsr.umich.edu/icpsrweb/SAMHDA/studies/30122/version/

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}
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7 Handbooks and Manuals

7.1 Handbooks; Manual (Print)

[52] **Guide:** Transmission Systems for Communications, 3rd ed., Western Electric Co., Winston-Salem, NC, USA, 1985, pp. 44–60.

biblatex-ieee: *Transmission Systems for Communications*, 3rd ed., Western Electric Co., Winston-Salem, NC, USA, 1985, pp. 44–60.

BibTeX:

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  date          = {1985},
  pages         = {44--60},
}
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[53] **Guide:** Motorola Semiconductor Data Manual, Motorola Semiconductor Products Inc., Phoenix, AZ, USA, 1989.

biblatex-ieee: *Motorola Semiconductor Data Manual*, Motorola Semiconductor Products Inc., Phoenix, AZ, USA, 1989.

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  date          = {1989},
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[54] **Guide:** RCA Receiving Tube Manual, Radio Corp. of America, Electronic Components and Devices, Harrison, NJ, USA, Tech. Ser. RC23, 1992.

biblatex-ieee: *RCA Receiving Tube Manual*, Tech. Ser. RC23, Radio Corp. of America, Electronic Components and Devices, Harrison, NJ, USA, 1992.

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  number       = {RC23},
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[55] **Guide:** Microsoft Office 97 Visual Basic Programmer's Guide, Microsoft Professional Editions Series, Microsoft, Redmond, WA, USA, 1997.

biblatex-ieee: *Microsoft Office 97 Visual Basic Programmer's Guide*, Microsoft Professional Editions Series, Microsoft, Redmond, WA, USA, 1997.

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  date         = {1997},
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7.2 Manual (Online)

[56] **Guide:** L. Breimann. Manual on Setting Up, Using, and Understanding Random Forests v4.0. (2003). Accessed: Apr. 16, 2014. [Online]. Available: http://oz.berkeley.edu/users/breiman/Using_random_forests_v4.0.pdf

biblatex-ieee: L. Breimann, *Manual on Setting Up, Using, and Understanding Random Forests v4.0*, 2003. Accessed: Apr. 16, 2014. [Online]. Available: http://oz.berkeley.edu/users/breiman/Using_random_forests_v4.0.pdf

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[57] **Guide:** M. Kuhn. The Caret Package. (2012). [Online]. Available: http://cranr-project.org/web/packages/caret/caret.pdf

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[58] **Guide:** Antcom, Torrance, CA, USA. Antenna Products. (2011). Accessed: Feb. 12, 2014. [Online]. Available: http://www.antcom.com/documents/catalogs/L1L2GPSAntennas.pdf

biblatex-ieee: Antcom, Torrance, CA, USA, *Antenna Products*, 2011. Accessed: Feb. 12, 2014. [Online]. Available: http://www.antcom.com/documents/catalogs/L1L2GPSAntennas.pdf

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[59] **Guide:** J. Barney. (2011). Documenting literature [PowerPoint slides]. Available: http://moodle.cotr/english/gill

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```

[60] **Guide:** Z. Yardish. Tumbling past data [Online]. Available: http://www.statistics.cotr.ca/classes/statistics/Yardish/index.html

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BibTeX:

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@online{lecture:yardish,
  author        = {Z. Yardish},
  title         = {Tumbling past data},
  url           = {http://www.statistics.cotr.ca/classes/statistics/Yardish/index.html},
}
```

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@online{lecture:argosy,
  author        = {{Argosy University Online}},
  title         = {Information literacy and communication: Module 2 filing and
  ↪  organization},
  date          = {2012},
  url           = {http://www.myeclassonline.com},
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@misc{legal:olmstead,
  title         = {{Olmstead v. United States}},
  howpublished  = {U.S. Reports},
  volume        = {277},
  date          = {1928},
  pages         = {438},
}
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@misc{legal:olmsteaddissent,
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  date          = {1928},
  pages         = {478},
  note          = {(Justice Brandeis, dissenting)},
}
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  title         = {{U.S. v. Councilman}},
  howpublished  = {Federal Supplement, 2nd Series},
  volume        = {245},
  date          = {2003},
  pages         = {321},
  note          = {(U.S. District Court for the District of Mass.)},
}
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@misc{legal:councilman2004,
  title         = {{U.S. v. Councilman}},
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  volume        = {373},
  date          = {2004},
  pages         = {204},
  note          = {(U.S. Court of Appeals for the First Circuit)},
}
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  title         = {{U.S. Code, Title 18, section 3123(a)(1),(2)}},
  note          = {2000 and 2002 Supplement},
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@misc{legal:patriot,
  title         = {{Uniting and Strengthening America by Providing Appropriate Tools to
  ↪  Intercept and Obstruct Terrorism}},
  howpublished  = {Public Law No. 107-56, section 209, U.S. Statutes at Large},
  volume        = {115},
  date          = {2001},
  pages         = {285},
}
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@misc{legal:omnibus,
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  volume        = {82},
  pages         = {211--223},
  note          = {(codified as amended in US Code, Title 18, sections 2510--2522, 2000
  ↪  and 2002 Supplement)},
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@article{news:markoff,
  author        = {J. Markoff},
  title         = {Software is smart enough for {SAT}, but still far from intelligent},
  journaltitle  = {Buffalo News},
  entrysubtype  = {newspaper},
  date          = {2015-09-21},
}
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  author        = {T. Johnson},
  title         = {China sets goal of surpassing {U.S.} on artificial intelligence},
  journaltitle  = {Sacramento Bee},
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  date          = {2018-02-25},
}
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@article{news:clark,
  author        = {A. Clark},
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  entrysubtype  = {newspaper},
  date          = {2024-08-30},
  url           = {https://www.cbsnews.com/news/can-you-tell-real-image-from-ai-flux/},
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@article{news:knight,
  author        = {W. Knight},
  title         = {The most capable open source {AI} model yet could supercharge {AI}
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  entrysubtype  = {newspaper},
  date          = {2024-09-25},
  url           = {https://www.wired.com/story/molmo-open-source-multimodal-ai-model-al
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@video{video:mtaonline,
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  date          = {2006-10-23},
  urldate       = {2010-10-06},
  url           = {http://www.youtube.com/watch?v=IJjNsCVHc34},
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@video{video:doane,
  author        = {{Doane Academy, Burlington, NJ, USA}},
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  urldate       = {2018-06-03},
  url           = {https://www.youtube.com/watch?v=PUKHo1Y-BcM},
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```
@patent{patent:wilkinson,
  author        = {J. P. Wilkinson},
  title         = {Nonlinear resonant circuit devices},
  type          = {patentus},
  number        = {3624125},
  date          = {1990-07-16},
}
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BibTeX:

```
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  author        = {T. Mei and T. Yang},
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  ↪  diodes},
  type          = {patentus},
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  author        = {W. W. Black and A. Clavin},
  title         = {Dipole augmented slot radiating element},
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  author        = {S. P. Voinigescu and others},
  title         = {Direct m-ary quadrature amplitude modulation ({QAM}) operating in
  ↪  saturated power mode},
  type          = {patrequs},
  number        = {20110013726A1},
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  author        = {K. Klionovski},
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  type          = {RU Patent Utility Model},
  number        = {167296},
  language      = {russian},
  date          = {2016-12-27},
}
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BibTeX:

```
@patent{patent:brooks,
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  date          = {1992-05-19},
  howpublished  = {NEXIS Library: LEXPAT File: DESIGN},
}
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biblatex-ieee: D. Williams, "Screwless clip mounted computer drive," U.S. Patent 6,885,550, Apr. 26, 2005. [Online]. Available: `http://patft.uspto.gov/netacgi/6,885,550`

BibTeX:

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@patent{patent:williams,
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  date          = {2005-04-26},
  url           = {http://patft.uspto.gov/netacgi/6,885,550},
}
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BibTeX:

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@article{per:chiampi,
  author        = {M. M. Chiampi and L. L. Zilberti},
  title         = {Induction of electric field in human bodies moving near {MRI}: An
  ↪  efficient {BEM} computational procedure},
  journaltitle  = {IEEE Trans. Biomed. Eng.},
  volume        = {58},
  pages         = {2787--2793},
  date          = {2011-10},
  doi           = {10.1109/TBME.2011.2158315},
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BibTeX:

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@article{per:ito,
  author        = {M. Ito and others},
  title         = {Can the application of amorphous oxide {TFT} be an electrophoretic
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  journaltitle  = {J. Non-Cryst. Solids},
  volume        = {354},
  number        = {19},
  pages         = {2777--2782},
  date          = {2008-02},
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BibTeX:

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@article{per:fardel,
  author        = {R. Fardel and M. Nagel and F. Nuesch and T. Lippert and A. Wokaun},
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  journaltitle  = {Appl. Phys. Lett.},
  volume        = {91},
  number        = {6},
  eid           = {061103},
  date          = {2007-08},
}
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biblatex-ieee: J. Zhang and N. Tansu, "Optical gain and laser characteristics of InGaN quantum wells on ternary InGaN substrates," *IEEE Photon. J.*, vol. 5, no. 2, Apr. 2013, Art. no. 2600111.

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@article{per:zhang,
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  journaltitle  = {IEEE Photon. J.},
  volume        = {5},
  number        = {2},
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BibTeX:

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@article{per:preu,
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  ↪  Gossard},
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  ↪  applications},
  journaltitle  = {J. Appl. Phys.},
  volume        = {109},
  eid           = {061301},
  date          = {2011-03},
}
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biblatex-ieee: S. Azodolmolky et al., "Experimental demonstration of an impairment aware network planning and operation tool for transparent/translucent optical networks," *J. Lightw. Technol.*, vol. 29, no. 4, pp. 439–448, Sep. 2011.

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@article{per:azodolmolky,
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  volume        = {29},
  number        = {4},
  pages         = {439--448},
  date          = {2011-09},
}
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  volume        = {ED-11},
  number        = {1},
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  date          = {1959-01},
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@article{per:aronowitz,
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  title         = {Theory of traveling-wave optical maser},
  journaltitle  = {Phys. Rev.},
  volume        = {134},
  pages         = {A635--A646},
  date          = {1965-12-08},
}
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  volume        = {19},
  number        = {29},
  pages         = {31--43},
  date          = {1961},
  addendum      = {(Transl.: E. R. Hope, Directorate of Scientific Information Services,
  ↪  Defence Research Board of Canada, Rep. T384R, Apr. 1963)},
}
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BibTeX:
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  volume        = {53},
  pages         = {475},
  language      = {german},
  date          = {1935},
}
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@article{per:miller,
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  journaltitle  = {IEEE Trans. Antennas Propag.},
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}
```

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  author        = {C. K. Kim},
  title         = {Effect of gamma rays on plasma},
  pubstate      = {submitted},
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@article{per:rafferty,
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  journaltitle  = {Proc. IEEE},
  volume        = {82},
  number        = {5},
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biblatex-ieee: P. Kopyt et al., "Electric properties of graphene-based conductive layers from DC up to terahertz range," *IEEE THz Sci. Technol.*, doi: 10.1109/TTHZ.2016.2544142, forthcoming.

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  author        = {P. Kopyt and others},
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[97] **Guide:** T. Brunschwiler et al., "Formulation of percolating thermal underfills using hierarchical self-assembly of microparticles and nanoparticles by centrifugal forces and capillary bridging," J. Microelectron. Electron. Packag., vol. 9, no. 4, pp. 149–159, 2012, doi: 10.4071/imaps.357.

biblatex-ieee: T. Brunschwiler et al., "Formulation of percolating thermal underfills using hierarchical self-assembly of microparticles and nanoparticles by centrifugal forces and capillary bridging," *J. Microelectron. Electron. Packag.*, vol. 9, no. 4, pp. 149–159, 2012, doi: 10.4071/imaps.357.

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  doi           = {10.4071/imaps.357},
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[98] **Guide:** L. T. Wu et al., "Real-time analytic sensitivity method for transient security assessment and prevent control," Proc. Inst. Elect. Eng., vol. 135, pt. C, pp. 107-117, Mar. 1988.

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  volume        = {135},
  part          = {C},
  pages         = {107--117},
  date          = {1988-03},
}
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  title         = {Proc. IEEE},
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  volume        = {84},
  pages         = {1353--1576},
  date          = {1996-10},
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[100] **Guide:** R. U. Aslip, "Surface and leaky wave antennas," IEEE Trans. Circuits Syst. I, Fundam. Theory Appl., vol. 30, no.1, pp. 545–546, Jan. 2000.

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  date          = {2000-01},
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[101] **Guide:** L. Kuang et al., "A numerical method for analyzing electromagnetic scattering properties of a moving conducting object," Int. J. Antennas Propag., vol. 2014, 2014, Art. no. 386315, doi: 10.1155/2014/386315.

biblatex-ieee: L. Kuang et al., "A numerical method for analyzing electromagnetic scattering properties of a moving conducting object," *Int. J. Antennas Propag.*, vol. 2014, 2014, Art. no. 386315, doi: 10.1155/2014/386315.

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  doi           = {10.1155/2014/386315},
}
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@article{per:yang,
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[103] **Guide:** M. M. Chiampi and L. L. Zilberti, "Induction of electric field in human bodies moving near MRI: An efficient BEM computational procedure," IEEE Trans. Biomed. Eng., vol. 58, no. 10, pp. 2787–2793, Oct. 2011, doi: 10.1109/TBME.2011.2158315.

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13.4 Periodicals Online

[104] **Guide:** W. P. Risk, G. S. Kino, and H. J. Shaw, "Fiber-optic frequency shifter using a surface acoustic wave incident at an oblique angle," Opt. Lett., vol. 11, no. 2, pp. 115–117, Feb. 1986. [Online]. Available: http://ol.osa.org/abstract.cfm?URI=ol-11-2-115

biblatex-ieee: W. P. Risk, G. S. Kino, and H. J. Shaw, "Fiber-optic frequency shifter using a surface acoustic wave incident at an oblique angle," *Opt. Lett.*, vol. 11, no. 2, pp. 115–117, Feb. 1986. [Online]. Available: http://ol.osa.org/abstract.cfm?URI=ol-11-2-115

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  date          = {1986-02},
  url           = {http://ol.osa.org/abstract.cfm?URI=ol-11-2-115},
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13.5 Virtual Journal

[105] **Guide:** J. Smith, T. Jones, and B. Simpson, Eds., "IEEE Biometrics Compendium Issue 30 December 2017," in IEEE Biometrics Compendium, Dec. 2017. [Online]. Available: http://ieeexplore.ieee.org/virtual-journals/biocomp/issue/30/

biblatex-ieee: J. Smith, T. Jones, and B. Simpson, Eds., *IEEE Biometrics Compendium*, Dec. 2017, *IEEE Biometrics Compendium Issue 30 December 2017*. [Online]. Available: http://ieeexplore.ieee.org/virtual-journals/biocomp/issue/30/

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  date          = {2017-12},
  url           = {http://ieeexplore.ieee.org/virtual-journals/biocomp/issue/30/},
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[106] **Guide:** T. Robertson, Ed., "RFIC Virtual Journal–Issue 6," in IEEE RFIC Virtual Journal, Oct. 2014. [Online]. Available: http://ieeexplore.ieee.org/virtual-journals/rfic/issue/6/

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[107] **Guide:** "RFID Virtual Journal–Issue 10," in IEEE RFID Virtual Journal, Nov. 2015. [Online]. Available: http://ieeexplore.ieee.org/virtual-journals/rfid/issue/10/

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}
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[108] **Guide:** E. E. Reber, R. L. Michell, and C. J. Carter, "Oxygen absorption in the Earth's atmosphere," Aerospace Corp., Los Angeles, CA, USA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.

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@report{report:reber,
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  type          = {techreport},
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  date          = {1988-11},
}
```

[109] **Guide:** J. H. Davis and J. R. Cogdell, "Calibration program for the 16-foot antenna," Elect. Eng. Res. Lab., Univ. Texas, Austin, Tech. Memo. NGL-006-69-3, Nov. 15, 1987.

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  type          = {Tech. Memo.},
  number        = {NGL-006-69-3},
  date          = {1987-11-15},
}
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[110] **Guide:** R. E. Haskell and C. T. Case, "Transient signal propagation in lossless isotropic plasmas," USAF Cambridge Res. Labs., Cambridge, MA, USA, Rep. ARCRL-66-234 (II), 1994, vol. 2.

biblatex-ieee: R. E. Haskell and C. T. Case, "Transient signal propagation in lossless isotropic plasmas," USAF Cambridge Res. Labs., Cambridge, MA, USA, Rep. ARCRL-66-234 (II), 1994.

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  type          = {Rep.},
  number        = {ARCRL-66-234 (II)},
  date          = {1994},
  volume        = {2},
}
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[111] **Guide:** M. A. Brusberg and E. N. Clark, "Installation, operation, and data evaluation of an oblique-incidence ionosphere sounder system," in "Radio Propagation Characteristics of the Washington-Honolulu Path," Stanford Res. Inst., Stanford, CA, USA, Contract NOBSR-87615, Final Rep., Feb. 1995, vol. 1.

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  date          = {1995-02},
  volume        = {1},
}
```

[112] **Guide:** P. Diament, S. L. Richert, and W. L. Lupatkin, "V-line surface-wave radiation and scanning," Dept. Elect. Eng., Columbia Univ., New York, NY, USA, Sci. Rep. 85, Aug. 1991.

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  type          = {Sci. Rep.},
  number        = {85},
  date          = {1991-08},
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```

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biblatex-ieee: R. J. Hijmans and J. van Etten, "Raster: Geographic analysis and modeling with raster data," R Package Version 2.0-12, Jan. 12, 2012. [Online]. Available: `http://CRAN.R-project.org/package=raster`

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biblatex-ieee: "Teralyzer," Lytera UG, Kirchhain, Germany, Accessed: Jun. 5, 2014. [Online]. Available: http://www.lytera.de/Terahertz_THz_Spectroscopy.php?id=home

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[115] **Guide:** F. Zhao, "Smartphone solutions white paper," Shenzhen, China, Huawei, White Paper, 2012. [Online]. Available: http://www.huawei.com/ilink/en/download/HW_193034

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[117] **Guide:** GeoBasisNRW. "ATKIS—Digitale Topographische Karte 1:25.000 (DTK25)," Bezirksregierung Köln, Cologne, Germany, 2012. [Online]. Available: http://www.bezreg-koeln.nrw.de/brkinternet/presse/publikationen/geobasis/fal.pdf

biblatex-ieee: GeoBasisNRW, "ATKIS—Digitale Topographische Karte 1:25.000 (DTK25)," Bezirksregierung Köln, Cologne, Germany, 2012. [Online]. Available: http://www.bezreg-koeln.nrw.de/brkinternet/presse/publikationen/geobasis/fal.pdf

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[120] **Guide:** S. Urazhdin, N. O. Birge, W. P. Pratt Jr., and J. Bass, "Current-driven magnetic excitations in permalloy-based multilayer nanopillars," 2003. [Online]. Available: `http://cond-mat/0303149`

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  url           = {http://cond-mat/0303149},
}
```

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[121] **Guide:** Antenna Products. (2011). Antcom. Accessed: January 11, 2019. [Online]. Available: `https://www.antcom.com/products`

biblatex-ieee: Antenna Products, *Antcom*, 2011. Accessed: Jan. 11, 2019. [Online]. Available: `https://www.antcom.com/products`

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@software{sw:antcom,
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  url           = {https://www.antcom.com/products},
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biblatex-ieee: D. W. Arning et al., *Mixed Mode–Mixed Level Circuit Simulator*, Ngspice, 2011. Accessed: Jan. 11, 2019. [Online]. Available: `http://ngspice.sourceforge.net`

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[123] **Guide:** MSDN Library Visual Studio 6.0. (2001). Microsoft.

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[124] **Guide:** Parameter Values for Ultra-High Definition Television Systems for Switzerland, Production and International Programme Exchange, Rec. ITU-R BT.2020-2, International Telecommunications Union, Geneva, Switzerland, Oct. 2015.

biblatex-ieee: *Parameter Values for Ultra-High Definition Television Systems for Switzerland, Production and International Programme Exchange*, International Telecommunications Union Standard Rec. ITU-R BT.2020-2, Oct. 2015.

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[125] **Guide:** IEEE Criteria for Class IE Electric Systems, IEEE Standard 308, 1969.

biblatex-ieee: *IEEE Criteria for Class IE Electric Systems*, IEEE Standard 308, 1969.

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@standard{std:ieee308,
  title         = {IEEE Criteria for Class IE Electric Systems},
  organization  = {IEEE},
  number        = {308},
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[126] **Guide:** Letter Symbols for Quantities, ANSI Standard Y10.5-1968.

biblatex-ieee: *Letter Symbols for Quantities*, ANSI Standard Y10.5-1968.

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  organization  = {ANSI},
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[127] **Guide:** Frequency Response and Bias, NERC Reliability Standard BAL-003-0.1b, May 2009. [Online]. Available: `http://www.nerc.com/files/BAL-003-0_1b.pdf`

biblatex-ieee: *Frequency Response and Bias*, NERC Reliability Standard BAL-003-0.1b, May 2009. [Online]. Available: `http://www.nerc.com/files/BAL-003-0_1b.pdf`

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17 Theses and Dissertations

[128] **Guide:** J. O. Williams, "Narrow-band analyzer," Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, USA, 1993.

biblatex-ieee: J. O. Williams, "Narrow-band analyzer," Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, USA, 1993.

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  date          = {1993},
}
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