

**Escuela Politécnica Nacional**  
Programa de Doctorado en  
Informática

**IEEE Citation Style**

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# Característica

- The **Institute of Electrical and Electronics Engineers (IEEE) style** is a widely accepted format for writing research papers.
- Commonly used in technical fields, particularly in computer science.
- [IEEE](#) style is based on the Chicago Style.
- IEEE style, citations are numbered, but citation numbers are included in the text in square brackets rather than as superscripts.
- All bibliographical information is exclusively included in the list of references at the end of the document, next to the respective citation number.

# Fuentes de información

- **IEEE EDITORIAL STYLE MANUAL © 2014**
- **IEEE Editorial Style Manual**
- **IEEE Standards Style Manual**
- **IEEE Citation Reference**

# IEEE Citation Reference

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- IEEE Publications uses *Webster's College Dictionary*, 4th Edition.
- For guidance on grammar and usage not included in this manual, please consult *The Chicago Manual of Style*, published by the University of Chicago Press.

# Type of Citations

- Books
- Handbooks
- Reports
- Conference Technical Articles
- Online Sources
- Patents, Standards, Theses, Unpublished
- Periodicals
- References

# Books

- *Basic Format:*
- [1] J. K. Author, “Title of chapter in the book,” in *Title of His Published Book*, xth ed. City of Publisher, Country if not USA: Abbrev. of Publisher, year, ch. x, sec. x, pp. xxx–xxx.
- Use *et al.* when three or more names are given

# Books (Examples)

- *Examples:*
- [1] B. Klaus and P. Horn, *Robot Vision*. Cambridge, MA: MIT Press, 1986.
- [2] L. Stein, “Random patterns,” in *Computers and You*, J. S. Brake, Ed. New York: Wiley, 1994, pp. 55-70.
- [3] R. L. Myer, “Parametric oscillators and nonlinear materials,” in *Nonlinear Optics*, vol. 4, P. G. Harper and B. S. Wherret, Eds. San Francisco, CA: Academic, 1977, pp. 47-160.
- [4] M. Abramowitz and I. A. Stegun, Eds., *Handbook of Mathematical Functions* (Applied Mathematics Series 55). Washington, DC: NBS, 1964, pp. 32-33.

# Books (Examples)

- [5] E. F. Moore, “Gedanken-experiments on sequential machines,” in *Automata Studies* (Ann. of Mathematical Studies, no. 1), C. E. Shannon and J. McCarthy, Eds. Princeton, NJ: Princeton Univ. Press, 1965, pp. 129-153.
- [6] Westinghouse Electric Corporation (Staff of Technology and Science, Aerospace Div.), *Integrated Electronic Systems*. Englewood Cliffs, NJ: Prentice-Hall, 1970.
- [7] M. Gorkii, “Optimal design,” *Dokl. Akad. Nauk SSSR*, vol. 12, pp. 111-122, 1961 (Transl.: in L. Pontryagin, Ed., *The Mathematical Theory of Optimal Processes*. New York: Interscience, 1962, ch. 2, sec. 3, pp. 127-135).
- [8] G. O. Young, “Synthetic structure of industrial plastics,” in *Plastics*, vol. 3, *Polymers of Hexadromicon*, J. Peters, Ed., 2nd ed. New York: McGraw-Hill, 1964, pp. 15-64.



# Handbooks

- Basic Format:
- [1] *Name of Manual/Handbook*, x ed., Abbrev. Name of Co., City of Co., Abbrev. State, year, pp. xx-xx.

# Handbooks (Ejemplos)

- [1] *Transmission Systems for Communications*, 3rd ed., Western Electric Co., Winston-Salem, NC, 1985, pp. 44–60.
- [2] *Motorola Semiconductor Data Manual*, Motorola Semiconductor Products Inc., Phoenix, AZ, 1989.
- [3] *RCA Receiving Tube Manual*, Radio Corp. of America, Electronic Components and Devices, Harrison, NJ, Tech. Ser. RC-23, 1992.

# Reports

- The general form for citing technical reports is to place the name and location of the company or institution after the author and title and to give the report number and date at the end of the reference.
- *Basic Format:*
- [1] J. K. Author, "Title of report," Abbrev. Name of Co., City of Co., Abbrev. State, Rep. xxx, year.

# Reports (Examples)

- [1] E. E. Reber absorption in the earth's atmosphere," Aerospace Corp., Los Angeles, CA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.
- [2] 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.
- [3] R. E. Haskell and C. T. Case, "Transient signal propagation in lossless isotropic plasmas," USAF Cambridge Res. Labs., Cambridge, MA, Rep. ARCRL-66-234 (II), 1994, vol. 2.
- [4] M. A. Brusberg and E. N. Clark, "Installation, operation, and data evaluation of an oblique-incidence ionosphere

# Conference Technical Articles

- The general form for citing technical articles published in conference proceedings is to list the author/s and title of the paper, followed by the name (and location, if given) of the conference publication *in italics* using these standard abbreviations.
- Write out all the remaining words, but omit most articles and prepositions like “of the” and “on.” That is, *Proceedings of the 1996 Robotics and Automation Conference* becomes *Proc. 1996 Robotics and Automation Conf.*
- *Basic Format:*
  - [1] J. K. Author, “Title of paper,” in *Unabbreviated Name of Conf.*, City of Conf., Abbrev. State (if given), year, pp. xxx-xxx.

# Conference Technical Articles (Examples)

- *For an electronic conference article when there are no page numbers:*
  - [1] J. K. Author [two authors: J. K. Author and A. N. Writer ] [three or more authors: J. K. Author et al.], “Title of Article,” in [Title of Conf. Record as ], [copyright year] © [IEEE or applicable copyright holder of the Conference Record]. doi: [DOI number]
- *For an unpublished paper presented at a conference:*
  - [1] J. K. Author, “Title of paper,” presented at the Unabbrev. Name of Conf., City of Conf., Abbrev. State, year.

# Online Sources

- The basic guideline for citing online sources is to follow the standard citation for the source given previously and add the Digital Object Identifier (DOI) at the end of the citation, or add the DOI in place of page numbers if the source is not paginated. The DOI for each IEEE conference article is assigned when the article is processed for inclusion in the IEEE Xplore digital library and is included with the reference data of the article in Xplore. See The DOI System for more information about the benefits of DOI referencing.

# Examples (FTP)

- *Basic Format:*
  - [1] J. K. Author. (year). *Title* (edition) [Type of medium]. Available FTP: Directory: File:
- *Example:*
  - [1] R. J. Vidmar. (1994). *On the use of atmospheric plasmas as electromagnetic reflectors* [Online]. Available FTP: atmnext.usc.edu Directory: pub/etext/1994 File: atmosplasma.txt



# WWW

- *Basic Format:*
  - [1] J. K. Author. (year, month day). *Title* (edition) [Type of medium]. Available: [`http://www.\(URL\)`](http://www.(URL))
- *Example:*
  - [1] J. Jones. (1991, May 10). *Networks (2nd ed.)* [Online]. Available: [`http://www.atm.com`](http://www.atm.com)

# E-Mail

- *Basic Format:*
  - [1] J. K. Author. (year, month day). *Title* (edition)  
[Type of medium]. Available e-mail: Message:
- *Example:*
  - [1] S. H. Gold. (1995, Oct. 10). *Inter-Network Talk*  
[Online]. Available e-mail: COMSERVE@RPIECS  
Message: Get NETWORK TALK

# Telnet

- *Basic Format:*

- [1] J. K. Author. (year, month day). *Title* (edition)  
[Type of medium]. Available Telnet: Directory: File:

- *Example:*

- [1] V. Meligna. (1993, June 11). *Periodic table of elements* [Online]. Available Telnet:  
Library.CMU.edu Directory: Libraries/Reference  
Works File: Periodic Table of Elements

# Patents, Standards, Theses, Unpublished

# Patents

- *Basic Format:*
  - [1] J. K. Author, “Title of patent,” U.S. Patent x xxx xxx, Abbrev. Month, day, year.
- *Example:*
  - [1] J. P. Wilkinson, “Nonlinear resonant circuit devices,” U.S. Patent 3 624 125, July 16, 1990.
- **NOTE:** Use “issued date” if several dates are given.

# Standards

- *Basic Format:*
  - [1] *Title of Standard*, Standard number, date.
- *Examples:*
  - [1] *IEEE Criteria for Class IE Electric Systems*, IEEE Standard 308, 1969.
  - [2] *Letter Symbols for Quantities*, ANSI Standard Y10.5-1968.

# *Theses (M.S.) and Dissertations (Ph.D.)*

- *Basic Format:*

- [1] J. K. Author, “Title of thesis,” M.S. thesis, Abbrev. Dept., Abbrev. Univ., City of Univ., Abbrev. State, year.
- [2] J. K. Author, “Title of dissertation,” Ph.D. dissertation, Abbrev. Dept., Abbrev. Univ., City of Univ., Abbrev. State, year.

- *Examples:*

- [1] J. O. Williams, “Narrow-band analyzer,” Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, 1993.
- [2] N. Kawasaki, “Parametric study of thermal and chemical nonequilibrium nozzle flow,” M.S. thesis, Dept. Electron. Eng., Osaka Univ., Osaka, Japan, 1993.
- [3] N. M. Amer, “The effects of homogeneous magnetic fields on developments of tribolium confusum,” Ph.D. dissertation, Radiation Lab., Univ. California, Berkeley, Tech. Rep. 16854, 1995. \*\*\* *The state abbreviation is omitted if the name of the university includes the state name, i.e., “Univ. California, Berkeley.”\*\*\**
- [4] C. Beclé, These de doctoral d’état, Univ. Grenoble, Grenoble, France, 1968.

# Unpublished

- These are the two most common types of unpublished references.
- *Basic Format :*
  - [1] J. K. Author, private communication, Abbrev. Month, year.
  - [2] J. K. Author, “Title of paper,” unpublished.
- *Examples:*
  - [1] A. Harrison, private communication, May 1995.
  - [2] B. Smith, “An approach to graphs of linear forms,” unpublished.
  - [3] A. Brahms, “Representation error for real numbers in binary computer arithmetic,” IEEE Computer Group Repository, Paper R-67-85.



# Periodicals

- **NOTE:** When referencing IEEE Transactions, the issue number should be deleted and month carried.
- *Basic Format:*
  - [1] J. K. Author, “Name of paper,” *Abbrev. Title of Periodical*, vol. x, no. x, pp. xxx-xxx, Abbrev. Month, year.
- *Examples:*
  - [1] R. E. Kalman, “New results in linear filtering and prediction theory,” *J. Basic Eng.*, ser. D, vol. 83, pp. 95-108, Mar. 1961.
  - [2] Ye. V. Lavrova, “Geographic distribution of ionospheric disturbances in the F2 layer,” *Tr. IZMIRAN*, vol. 19, no. 29, pp. 31–43, 1961 (Transl.: E. R. Hope, Directorate of Scientific Information Services, Defence Research Board of Canada, Rep. T384R, Apr. 1963).
  - [3] E. P. Wigner, “On a modification of the Rayleigh–Schrodinger perturbation theory,” (in German), *Math. Naturwiss. Anz. Ungar. Akad. Wiss.*, vol. 53, p. 475, 1935.
  - [4] E. H. Miller, “A note on reflector arrays,” *IEEE Trans. Antennas Propag...*, to be published.\*\*
- \*\* *Always use this style when the paper has not yet been accepted or scheduled for publication. Do not use “to appear in.”*

- C. K. Kim, “Effect of gamma rays on plasma,” submitted for publication. \*\*
- W. Rafferty, “Ground antennas in NASA’s deep space telecommunications,” *Proc. IEEE* vol. 82, pp. 636-640,
- May 1994.
- \*\* *Always use this style when the paper has not yet been accepted or scheduled for publication. Do not use “to appear in.”*