

## IEEE Reference Format

### دستورالعمل نگارش پایان نامه رشته های فنی و مهندسی بر اساس فرمت IEEE

پایان نامه های کارشناسی ارشد رشته های فنی و مهندسی در دانشگاه شیخ بهائی بر اساس ساختاری است که **Institutes of Electric and Electronics Engineering (IEEE)** برای نوشتن مقالات رشته های فنی و مهندسی ارائه داده است. دستورالعمل نگارش پایان نامه بر اساس فرمت ذکر شده به عبارت زیر می باشد:

بعد از هر **reference** در متن باید شماره گذاشته شود و **Reference**ها در فهرست منابع نیز باید با شماره ذکر شوند.

شماره ها به ترتیب از اولین **reference** ذکر شده در متن شروع می شود ( [1] ) و الی آخر، فهرست منابع نیز به ترتیب همین شماره ها ذکر می شود و نه به ترتیب الفبایی.

as shown by Brown [4], [5];

as mentioned earlier [2], [4]–[7], [9];

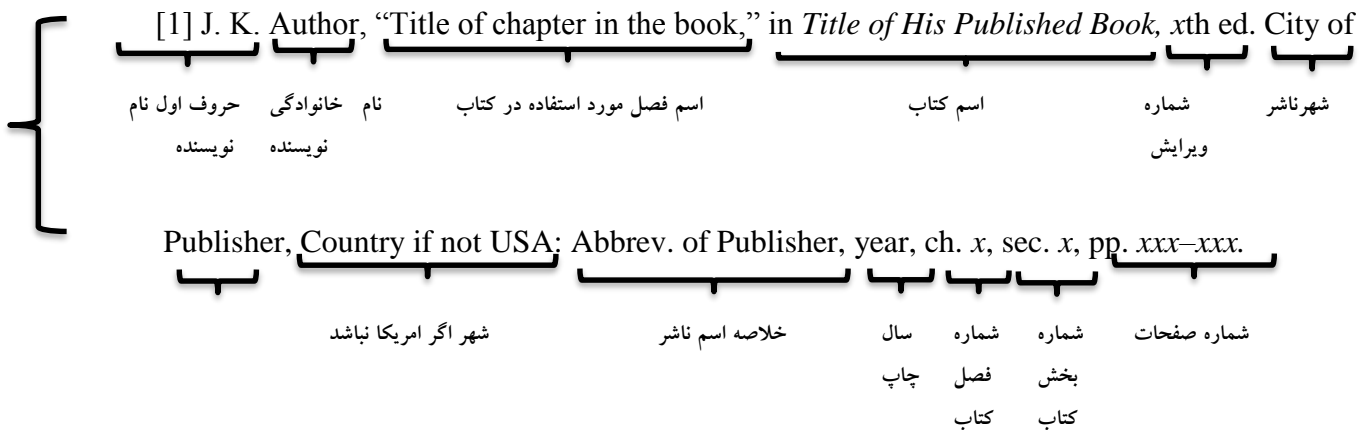
Smith [4] and Brown and Jones [5];

Wood et al. [7]

as demonstrated in [3];

according to [4] and [6]–[9].

روش ارجاع دادن به فصلی از یک کتاب در فهرست منابع به صورت زیر می باشد:



Examples:

نمونه ارجاع دادن به کتاب:

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

نمونه ارجاع دادن به فصلی از یک کتاب:

[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.

مثالهای بیشتر:

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

[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.

روش نوشتن مقالات در نشریه هاو گاهنامه ها (periodicals) به روش زیر می باشد:


## Periodicals Articles

J. K. Author,	"Name of paper,"	Abbrev. Title of Periodical,	vol. x, no. x, pp. xxx-xxx,	Abbrev. Month, year.
حروف	نام	اسم مقاله	خلاصه اسم گاهنامه	شماره شماره صفحات خلاصه ماه چاپ سال
نام	خانوادگی	اول نام	ولوم	مجله مقاله مقاله چاپ
نویسنده	نویسنده			


- [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] J. U. Buncombe, "Infrared navigation—Part I: Theory," *IEEE Trans. Aerosp. Electron. Syst.*, vol. AES-4, pp. 352–377, Sept. 1944.
- [3] F. Aronowitz, "Theory of traveling-wave optical maser," *Phys. Rev.*, vol. 134, pp. A635–A646, Dec. 8, 1965.
- [4] \_\_\_\_\_, "Infrared navigation—Part II: An assessment of feasibility," *IEEE Trans. Aerosp. Electron. Syst.*, vol. AES-4, pp. 588–613, Nov. 1944.

با دو نویسنده: 

- [5] H. Eriksson and P. E. Danielsson, "Two problems on Boolean memories," *IEEE Trans. Electron. Devices*, vol. ED-11, pp. 32–33, Jan. 1959.
- [6] 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).
- [7] 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.

برای مقالاتی که پذیرفته شده اند ولی هنوز به چاپ نرسیده اند از **"to appear in"** استفاده نکنید بلکه از **to be published** استفاده کنید. 

- [8] E. H. Miller, "A note on reflector arrays," *IEEE Trans. Antennas Propag...*, to be published

برای مقالاتی که هنوز پذیرفته نشده اند و مجوز چاپ نگرفته اند از **submitted for publication** استفاده کنید: 

- [9] C. K. Kim, "Effect of gamma rays on plasma," submitted for publication.
- [10] W. Rafferty, "Ground antennas in NASA's deep space telecommunications," *Proc. IEEE* vol. 82, pp. 636-640, May 1994.
- [11] J. S. Turner, "New directions in communications," *IEEE J. Select. Areas Commun.*, vol. 13, pp. 11-23, Jan. 1995.
- [12] 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.

[13] *Special Issue on Artificial Neural Network Applications, Proc. IEEE*, vol. 84, pp. 1353-1576, Oct. 1996.

#### Article Referred to in the Same Issue:

[1] R. U. Aslip, "Surface and leaky wave antennas," *IEEE Trans. Circuits Syst. I*, vol. 30, pp. 545-546, Jan. 2000.

#### Journal Articles

[1] J. K. Author. (year, month). Title. *Journal* [Type of medium]. *volume(issue)*, paging if given. Available: site/path/file

#### Examples:

[1] J. Bourke. (1995, Mar.). A comparison of RF electrode models. *J. Phys.* [CD-ROM]. 32(4), RD2-RD3. Available: JPY File: Science Periodicals Ondisc Item: 95-76401

[2] R. J. Vidmar. (1992, Aug.) On the use of atmospheric plasmas as electromagnetic reflectors. *IEEE Trans. Plasma Sci.* [Online]. 21(3), pp. 876-880. Available: <http://www.halcyon.com/pub/journals/21ps03-vidmar>

برای ارجاع دادن گزارشات باید اسم مکان شرکت یا موسسه بعد از نام نویسنده و موضوع گزارش آورده شود، شماره گزارش و تاریخ آن نیز در پایان باید ذکر گردد.

[1] J. K. Author, "Title of report," Abbrev. Name of Co., City of Co., Abbrev. State, Rep. xxx, year.

حروف	نام	موضوع گزارش	خلاصه اسم شرکت	شهر شرکت	خلاصه اسم ایالت	شماره	سال
اول نام	خانوادگی					گزارش	
نویسنده	نویسنده						

مثال:

[1] E. E. Reber, R. L. Michell, and C. J. Carter, "Oxygen 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 sounder system," in "Radio Propagation Characteristics of the Washington-Honolulu Path," Stanford Res. Inst., Stanford, CA, Contract NOBSR-87615, Final Rep., Feb. 1995, vol. 1.

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

برای ارجاع دادن **handbook** به طریق زیر عمل می شود:

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

شماره صفحات   سال   خلاصه اسم ایالت   شهر شرکت   خلاصه اسم شرکت   شماره ویرایش   اسم کتاب راهنما مورد نظر

مثال:

[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.

برای **Published Conference Proceedings** (مجموعه مقالات چاپ شده کنفرانس) به روش زیر عمل

می شود:

[1] J. K. Author, "Title of paper," in *Unabbreviated Name of Conf.*, City of Conf., Abbrev.

شهر برگزاری کنفرانس   اسم کنفرانس به طور کامل   اسم مقاله   نام   حروف اول   خانوادگی   نام نویسنده   نویسنده

State (if given), year, pp. xxx-xxx.

شماره صفحات مقاله   سال   خلاصه اسم ایالت

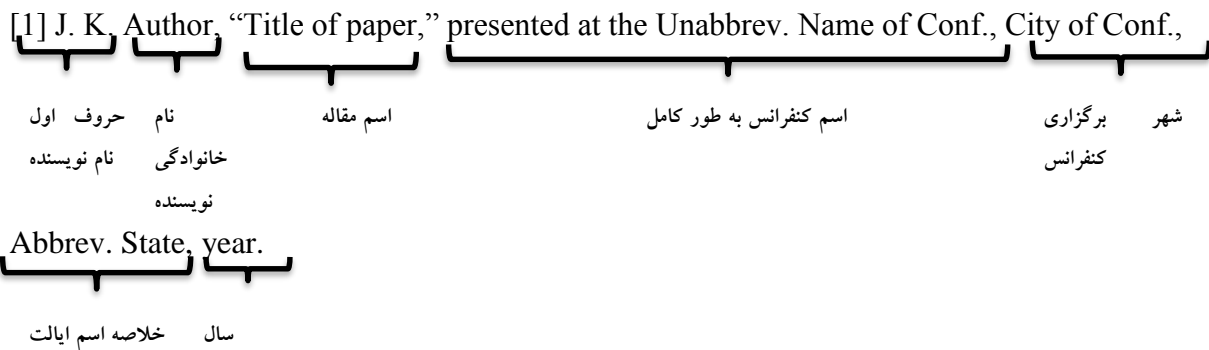
[1] G. R. Faulhaber, "Design of service systems with priority reservation," in *Conf. Rec. 1995 IEEE Int. Conf. Communications*, pp. 3–8.

اگر سال کنفرانس به همراه اسم کنفرانس بیاید لازم نیست در پایان سال کنفرانس مجدداً ذکر گردد، همانند مثال بالا

[2] S. P. Bingulac, "On the compatibility of adaptive controllers," in *Proc. 4<sup>th</sup> Annu. Allerton Conf. Circuit and System Theory*, New York, 1994, pp. 8–16.

- [3] W. D. Doyle, "Magnetization reversal in films with biaxial anisotropy," in *1987 Proc. INTERMAG Conf.*, pp. 2.2-1–2.2-6.
- [4] C. T. Meadow and D. W. Waugh, "Computer assisted interrogation," in *1991 Fall Joint Computer Conf., Proc. AFIPS Conf.*, vol. 29. Washington, DC: Spartan, 1991, pp. 381–394.  
\*\*\* There is an *<emsp>* between "vol. 29." And "Washington."\*\*\*
- [5] P. C. Parks, "Lyapunov redesign of model reference adaptive control systems," in *1993 Joint Automatic Control Conf., Preprints*, pp. 485–491.
- [6] C. Janow, "Guidance and control components for space applications," in *Proc. Nat. Electronics Conf.*, 1994, vol. 24, pp. 30-35.
- [7] T. S. Hsia, "System identification," in *IEDM Tech. Dig.*, 1993, vol. 2, no. 8, pp. 6–13.

**Papers Presented at Conferences** (مقالات ارائه شده در کنفرانس)



مثال:

- [1] M. Mayer, presented at the 4<sup>th</sup> Congr. Permanent Magnets, Grenoble, France, Mar. 1995.
- [2] J. G. Kreifeldt, "An analysis of surface-detected EMG as an amplitude-modulated noise," presented at the 1989 Int. Conf. Medicine and Biological Engineering, Chicago, IL.
- [3] 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, June 22-27, 1990, Paper 90 SM 690-0 PWRS.
- [4] 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, July 12–17, 1990, Paper 70 CP 637.

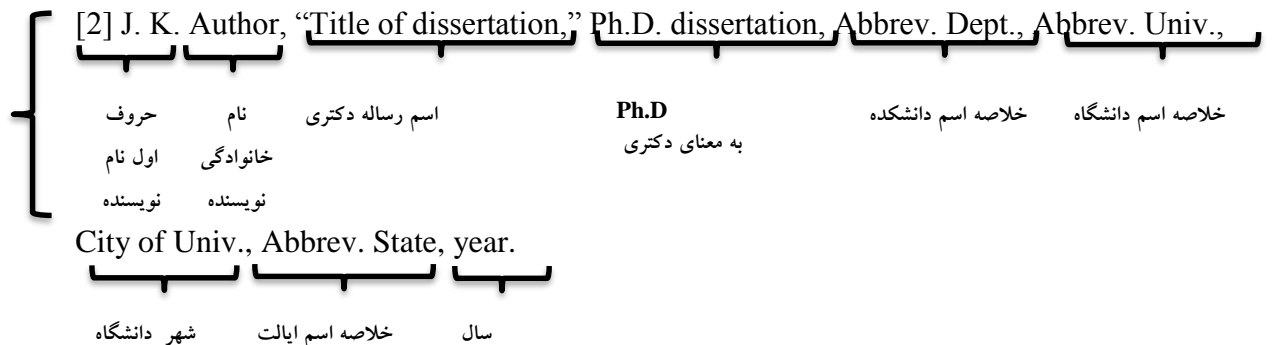
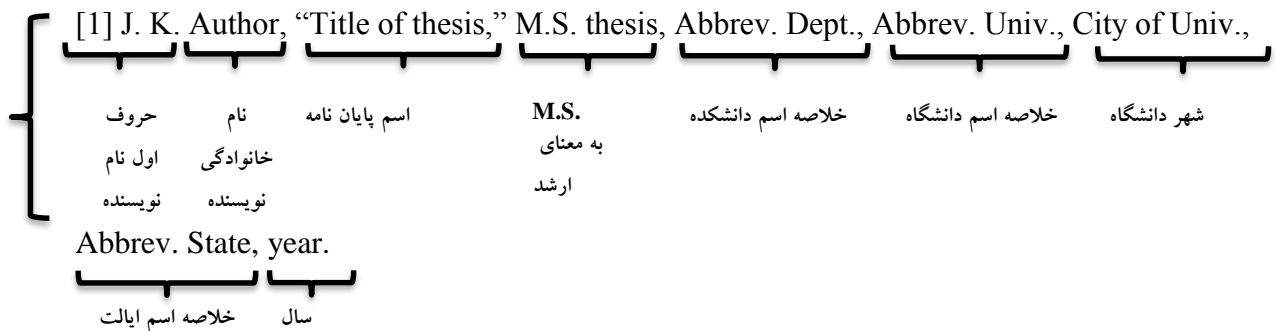
بعضی از کلمات خلاصه مورد نیاز در این بخش عبارتند از:

Word	Abbreviations
Annals	Ann.
Annual	Annu.
Colloquium	Colloq.
Conference	Conf.
Congress	Congr.
Convention	Conv.
Word	Abbreviations
Digest	Dig.
Exposition	Expo.
International	Int.
Meeting	Meeting
National	Nat.

Proceedings	Proc.
Word	Abbreviations
Record	Rec.
Symposium	Symp.
Technical Digest	Tech. Dig.
Technical Paper	Tech. Paper
Word	Abbreviations
Workshop	Workshop
First	1st
Second	2nd
Third	3rd
Fourth/nth...	4th/nth...

برای ارجاع دادن به پایان نامه های کارشناسی ارشد و دکتری به روش زیر باید عمل شود:

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



مثال:

[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.

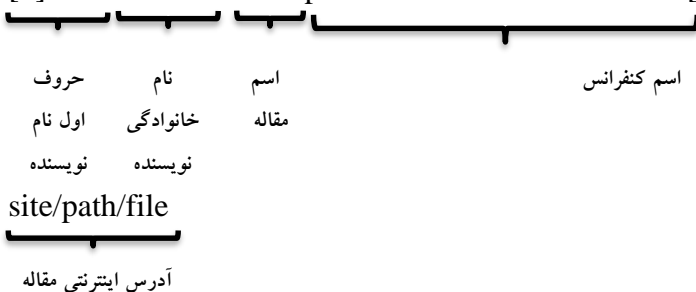
[3] N. M. Amer, "The effects of homogeneous magnetic fields on developments of tribolium confusum," Ph.D. dissertation, Radiation Lab., Univ. California, Berkeley, Tech. Rep. 16854, 1995. \*\*\* *The state abbreviation is omitted if the name of the university includes the state name, i.e., "Univ. California, Berkeley."*\*\*\*

[4] C. Beclé, These de doctoral d'état, Univ. Grenoble, Grenoble, France, 1968.

### ✚ **Papers Presented at Conferences** (مقالات ارائه شده در کنفرانس)

#### Basic Format:

[1] J. K. Author. Title. presented at Conference title. [Type of Medium]. Available:



مثال:

[1] Process Software Corp., MA. Intranets: Internet technologies deployed behind the firewall for corporate productivity. presented at INET'96 Annu. Meeting [Online]. Available: <http://www.process.com/Intranets/wp2.htm>

✚ تعداد **Appendix** ها باید با حروف **A, B, C, D**, مشخص شوند و نه با حروف یونانی و یا شماره

✚ وقتی سه یا تعداد بیشتری نویسنده وجود دارد از **et al.** استفاده کنید.

کلمات اختصار مورد نیاز در فهرست منابع:

Word	Abbreviation
Acoustics	Acoust.
Administration	Admin.
Administrative	Administ.
American	Amer.
Analysis	Anal.
Annals	Ann.
Annual	Annu.
Apparatus	App.

Applications	Applicat.
Applied	Appl.
Association	Assoc.
Automatic	Automat.
Broadcasting	Broadcast.
Business	Bus.
Communications	Commun.
Computer(s)	Comput.
Congress	Congr.



Convention	Conv.
Correspondence	Corresp.
Cybernetics	Cybern.
Department	Dept.
Development	Develop.
Digest	Dig.
<b>Word</b>	<b>Abbreviation</b>
Economic(s)	Econ.
Education	Educ.
Electrical	Elect.
Electronic	Electron.
Engineering	Eng.
Ergonomics	Ergonom.
Evolutionary	Evol.
Foundation	Found.
Geoscience	Geosci.
Graphics	Graph.
Industrial	Ind.
Industry	Ind.
Information	Inform.
Institute	Inst.
Intelligence	Intell.
International	Int.
Journal	J.
Letter(s)	Lett.
Machine	Mach.
Magazine	Mag.
Management	Manage.
Managing	Manag.
Mathematic(s)	Math.
<b>Word</b>	<b>Abbreviation</b>
Mathematical	Math.
Mechanical	Mech.
National	Nat.

Newsletter	Newslett.
Nuclear	Nucl.
Occupation	Occupat.
Philosophical	Philosph.
Proceedings	Proc.
Processing	Process.
Production	Prod.
Productivity	Productiv.
Quarterly	Quart.
Record	Rec.
Reliability	Rel.
Report	Rep.
Royal	Roy.
<b>Word</b>	<b>Abbreviation</b>
Science	Sci.
Selected	Select.
Society	Soc.
Sociological	Sociol.
Statistics	Stat.
Studies	Stud.
Supplement	Suppl.
Symposium	Symp.
Systems	Syst.
Technical	Tech.
Telecommunication	Telecommun.
Transactions	Trans.
Vehicular	Veh.
Working	Work.
Workshop	Workshop