

AIP Style 4th Edition Guide
APSU Writing Center Handout

American Institute of Physics (AIP) 4th Edition Handout

In-text Citations

Use numbered citations in square brackets: [1], [2]

Number sources in order of appearance

Place citations inside punctuation

Reuse the same number for repeat sources

Examples:

The photoelectric effect can be used to determine the value of Planck's constant [1].

"All elements heavier than lithium are created by fusion or neutron capture in stellar interiors"
[2].

References List

List references in numerical order

Match numbers to in-text citations

Include up to 3 authors; use et al. for 4+

End entries with a period (except DOI/URL)

Format DOIs as: <https://doi.org/...>

Use journal abbreviations when applicable

If no author, start with the title

Use hanging indents: first line flush left, all subsequent lines indented by 0.5 inch

Reference Examples

[1] R.A. Millikan, Phys. Rev. **4**, 73 (1914).

[2] E.M. Burbidge et al., Rev. Mod. Phys. **29**, 547 (1957).

AIP Style - Citing Journal Articles

In-Text Citation Format: [number]

Sentence with In-Text Citation Example: This result was confirmed experimentally [1].

Reference Format Print:

[] INITIAL(S). Surname, Title of Journal. **Volume**(Part), Starting page (Year).

- Use journal abbreviations.
- Bold the volume number.

Reference Examples:

[1] G. Aad et al., Phys. Lett. B., **716**(1), 1 (2012).

[2] A. Liu and M. Tegmark, MNRAS. **419**(4), 3491 (2012).

Reference Format Online:

[] INITIAL(S). Surname, Title of Journal. **Volume**(Part), Starting page (Year). DOI

- DOIs should include the <https://doi.org/> prefix.

Reference Examples:

[1] G. Aad et al., Phys. Lett. B., **716**(1), 1 (2012). <https://doi.org/10.1016/j.physletb.2012.08.020>

[2] A. Liu and M. Tegmark, MNRAS. **419**(4), 3491 (2012). <https://doi.org/10.1111/j.1365-2966.2011.19989.x>

AIP Style - Citing Books

In-Text Citation Format: [number]

Sentence with In-Text Citation Example: This concept is explained in detail [1].

Reference Format Single Author:

[] INITIAL(S). Surname, *Title of book*, Edition (if not the first edition). (Publisher, Place of publication, Year of publication).

Reference Examples:

[1] M.S. Longair, *High Energy Astrophysics*, 2nd ed., reprinted with corrections. (Taylor & Francis, London, 1997).

[2] British Ecological Society, *Ecological Concepts: The Contribution of Ecology to an Understanding of the Natural World*. (Blackwell Scientific, Oxford, 1989).

Reference Format Multiple Authors:

[] INITIAL(S). Surname and INITIAL(S). Surname, Title of book, Edition (if not the first edition). (Publisher, Place of publication, Year of publication).

Reference Examples:

[1] B.W. Carroll and D.A. Ostlie, *An Introduction to Modern Astrophysics*, 2nd ed. (Pearson/Addison Wesley, San Francisco, 2007).

[2] T.K. Gaisser, R. Engel, and E. Resconi, *Cosmic Rays and Particle Physics*, 2nd ed. (Cambridge University Press, Cambridge, 2016).

AIP Style - Citing Thesis and Dissertations

In-Text Citation Format: [number]

Sentence with In-Text Citation Example: This concept is explained in detail [1].

Reference Format:

[] Author's INITIAL(S). Surname, *Title*, Type and level of award. (Awarding body, Place of awarding body, Year).

Italicize the title.

Specify type and level: e.g., PhD Thesis, MS Dissertation.

Include the university name and location.

Reference Examples:

[1] R.J. Allison, *The Dynamical Evolution of Young Star Clusters*, PhD Thesis. (University of Sheffield, Sheffield, 2011).

[2] A. B. Smith, *Quantum Effects in Nanostructures*, MS Dissertation (Massachusetts Institute of Technology, Cambridge, 2018).

AIP Style - Citing Websites

In-Text Citation Format: [number]

Sentence with In-Text Citation Example: This concept is explained in detail [1].

Reference Format:

[] INITIAL(S). Surname, OR Organization, *Title of Web page*, WWW document, (URL).

- Italicize the web page title.

- If no author, use the organization name.

Reference Examples:

[1] J. Schneider, *The Extrasolar Planets Encyclopedia*, WWW document, (<http://exoplanet.eu/>).

[2] CERN, *ATLAS Detector: Magnet System*, WWW document,
(<http://atlas.cern/discover/detector/magnet-system>).

References

[1] American Institute of Physics, *AIP Style Manual (4th ed.)*, WWW document,

(https://publishing.aip.org/wp-content/uploads/2021/03/AIP_Style_4thed.pdf)

[2] University of Illinois Urbana-Champaign, Electrical & Computer Engineering, *Thesis*

Reference Guide: AIP Style, WWW document,

(<https://ece.illinois.edu/academics/grad/overview/thesis-aip>)

[3] University of Sheffield, *AIP Referencing*, WWW document,

(<https://librarydevelopment.group.shef.ac.uk/referencing/aip.html>)