

Taylor & Francis Mathematical Association of America (MAA) style

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In-text citations	
Basic citation format	<p>Resources in the reference list should be cited using digits in square brackets. A bracketed citation should precede terminal (e.g., periods, commas, closed quotation marks, question marks, exclamation point) and nonterminal punctuation (e.g., semicolons, colons):</p> <p>This phenomenon frequently occurs in nature [3].</p>
Multiple resources cited	<p>When citing two resources in the same callout, include both digits within the same square brackets and separate them with a comma:</p> <p>This phenomenon frequently occurs in nature, experts agree [3, 4].</p>

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	<p>When citing multiple resources that are not consecutively numbered in the same callout, include all the digits within the same square brackets and separate them with commas:</p> <p>This phenomenon frequently occurs in nature, experts agree [3, 4, 28].</p> <p>When citing span of three or more resources that are consecutively number in the same callout, include the first and last digits and separate them with an en-dash:</p> <p>This phenomenon frequently occurs in nature, experts agree [3, 4, 28, 29–31].</p>
Citation with a direct quotation	<p>Citations should be positioned outside the quotation mark that closes a passage in the running text that is drawn directly from a resource:</p> <p>One should live by the dictum, “Measure what is measurable, and make measurable what is not” [18].</p> <p>Longer quotations (over 40 words) should be set off in a “block.” Citations appear after any punctuation that ends block quotations, with a space separating the citation from the punctuation:</p> <p style="text-align: center;">... make measurable what is not. [18]</p> <p>The reference associated with the citation should feature the number of the page on which the quote is found.</p>
Author names	<p>The names of authors associated with a resource can be included in the running text along with a numerical citation. The citation should immediately follow the mention of the author name(s). The basic formats for citations with different numbers of authors are as follows:</p> <p>One author: Smith [12]</p> <p>Two authors: Smith and Jones [13]</p> <p>Three or more authors: Smith et al. [14]</p>

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Tables and figures	Resources cited in tables or figure legends should follow the standard format and must be included in the reference list.
Reference list	
Order	<p>Order reference entries alphabetically by author surnames. A single-author entry precedes a multi-author entry that begins with the same surname and given name. Successive entries by two or more authors when only the first author is the same are alphabetized by co-authors' last names. If reference entries have the full same author listings, arrange the entries by their years of publication, with undated works at the end. Entries without authors should be ordered alphabetically among the other entries by their title.</p> <p>Once the references have been ordered, number them consecutively starting at "[1]." These numbers should be used for in-text citations.</p>
Form of author name	<p>For all authors, use initials, with periods and spaces between them, in lieu of expanded given and middle names. Include the authors' surnames in full. Commas should separate individual author names. If more than ten individuals authored a resource, the reference entry documenting the resource should list the first ten author followed by "et al."</p> <p style="text-align: center;"><u>Up to 10 Authors</u></p> <p><u>Format:</u> [#] Author, A. Z., Author, B. Y., Author, C. X., Author, D. W., Author, E. V., Author, F., Author, G. T., Author, H. S., Author, I. R., Author, J. Q.</p> <p style="text-align: center;"><u>More Than 10 Authors</u></p> <p><u>Format:</u> [#] Author, A. Z., Author, B. Y., Author, C. X., Author, D. W., Author, E. V., Author, F., Author, G. T., Author, H. S., Author, I. R., Author, J. Q., et al.</p>

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	<p>If an organization is the author of a resource, the full name of the organization can appear in the reference:</p> <p>[8] British Standards Institution.</p> <p style="text-align: center;">***</p> <p>If a resource has no author, the reference entry should begin with the title of work:</p> <p>[12] <i>Authorless Book Title</i>.</p>
Titles	<p>The titles of book chapters, journal articles, reports, and papers should appear in Roman font with sentence style capitalization. The titles of books and journals should appear in italics with headline style capitalization (i.e., capitalize first words of title and subtitle, as well as all nouns, pronouns, verbs, adjectives, and adverbs, regardless of length, and conjunctions and prepositions four letters or longer). The titles of journals, moreover, should be abbreviated in accordance with Mathematical Association of America standards (http://msc2010.org/MSC2010-CD/extras/serials.pdf)</p>
Place of publication and publisher name for books and reports	<p>Any initial "the" and concluding "Inc.", "Ltd", "Co.", "Publishing Co.", etc. should be omitted from the publisher name in the reference entry. The place of publication should always include a state/province abbreviation or country, even if the city is a familiar one.</p> <p>Cambridge, MA: Harvard University Press Cambridge, UK: Cambridge University Press New York, NY: Macmillan Englewood Cliffs, NJ: Prentice Hall Washington, DC: Smithsonian Institution Press Chapel Hill, NC: University of North Carolina Press</p>

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Issue numbers and DOIs for journals	<p>The issue number can be omitted if the journal is paginated consecutively through the volume (or if month or season is included), but it is not incorrect to include it.</p> <p>DOIs are standard elements of journal reference entries. Authors, though, are not required to retrieve DOIs for references.</p>
In press	<p>“In press” should be used in lieu of a publication year for any in-press references.</p>
Pagination	<p>With page ranges, include all digits, even if the end page number repeats the thousand and/or hundred digit(s) found in the first page number, and insert “pp.” before the page range:</p> <p>Valesco, B. (2015). Title of book chapter. In: Ricardo, J., Ed. <i>Book Title</i>. City: Publisher, pp. 623–654.</p> <p style="text-align: center;">***</p> <p>If an online journal employs e-location or a similar identification system in lieu of pagination, the journal’s method should be retained for the reference entry.</p>
Book	
Book model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). <i>Title of the Book</i>. City, State Abbr./Country: Publisher Name.</p> <p><u>Example (full work citation)</u> [2] Johnson, A. S. A., Madden, K. M., Şahin, A. A. (2017). <i>Discovering Discrete Dynamical Systems</i>. Washington, DC: Mathematical Association of America.</p> <p><u>Example (page citation)</u> 2] Johnson, A. S. A., Madden, K. M., Şahin, A. A. (2017). <i>Discovering Discrete Dynamical Systems</i>. Washington, DC: Mathematical Association of America, p. 50.</p>

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<p>Book with titled volume of multivolume work and edition model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). <i>Title of the Volume</i>. Title of the Multivolume Work, Vol. #, # ed. City, State Abbr./Country: Publisher Name.</p> <p><u>Example (full work citation)</u> [18] Heath, T. (1981). <i>From Aristarchus to Diophantus</i>. A History of Greek Mathematics, Vol. 2., 2nd ed. Mineola, NY: Dover.</p> <p><u>Example (page citation)</u> [18] Heath, T. (1981). <i>From Aristarchus to Diophantus</i>. A History of Greek Mathematics, Vol. 2., 2nd ed. Mineola, NY: Dover, p. 113.</p>
<p>Book with translator model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). <i>Title of the Book</i>. (Translator, A., Translator, B., trans.) City, State Abbr./Country: Publisher Name.</p> <p><u>Example (full citation)</u> [9] Poincaré, H. (2017). <i>The Three-Body Problem and The Equations of Dynamics</i>. (Dopp, B. D., trans.) Cham, Switzerland: Springer.</p> <p><u>Example (page citation)</u> [9] Poincaré, H. (2017). <i>The Three-Body Problem and The Equations of Dynamics</i>. (Dopp, B. D., trans.) Cham, Switzerland: Springer, pp. 161–162.</p>

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<p>Book with non-English title model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). <i>Original Title of the Book</i>. City, State Abbr./Country: Publisher Name.</p> <p><u>Example (full citation)</u> [6] Ziegler, M. (2017). <i>Mathematische Logik</i>. 2nd ed. Basel, Switzerland: Birkhäuser.</p> <p><u>Example (page citation)</u> [6] Ziegler, M. (2017). <i>Mathematische Logik</i>. 2nd ed. Basel, Switzerland: Birkhäuser, p. 89.</p>
<p>Edited book, cited in full, model</p>	<p><u>Format</u> [#] Editor, A., Editor, B., Editor, C., ed(s). (yyyy). <i>Title of the Book</i>. City, State Abbr./Country: Publisher Name.</p> <p><u>Example</u> [47] Struik, D. J., ed. (1969). <i>A Source Book in Mathematics, 1200–1800</i>. Princeton, NJ: Princeton University Press.</p>
<p>Chapter in edited book model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the article. In: Editor, A., Editor, B., Editor, C., ed(s). <i>Title of the Book</i>. City, State Abbr./Country: Publisher Name, pp. ###–###.</p> <p><u>Example (full work citation)</u> [34] Sholten, P., Simonson, A. (2010). The falling ladder paradox. In: Diefenderfer, C. L., Nelson, R. B., eds. <i>The Calculus Collection: A Resource for AP* and Beyond</i>. Washington, DC: Mathematical Association of America, pp. 149–154.</p> <p><u>Example (page citation)</u> [34] Sholten, P., Simonson, A. (2010). The falling ladder paradox. In: Diefenderfer, C. L., Nelson, R. B., eds. <i>The Calculus Collection: A Resource for AP* and Beyond</i>. Washington, DC: Mathematical Association of America, p. 150.</p>

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Chapter in edited book with volume, edition, and translator model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the article. In: Editor, A., Editor, B, Editor, C., ed(s). <i>Title of the Book</i>. Vol. #, # ed. (Translator, A, trans.) City, State Abbr./Country: Publisher Name, pp. ###-###.</p> <p><u>Example (full work citation)</u> [26] Faddeev, D. K. (1969). Linear algebra. In: Aleksandrov, A. D., Kolmogorov, A. N., Lavrent'ev, M. A., eds. <i>Mathematics: Its Content, Methods, and Meaning</i>, Vol. 3, 2nd ed. (Gould, S. H., Hirsch, K. A., Bartha, T., trans.) Cambridge, MA: MIT Press, pp. 37–96.</p> <p><u>Example (page citation)</u> [26] Faddeev, D. K. (1969). Linear algebra. In: Aleksandrov, A. D., Kolmogorov, A. N., Lavrent'ev, M. A., eds. <i>Mathematics: Its Content, Methods, and Meaning</i>, Vol. 3, 2nd ed. (Gould, S. H., Hirsch, K. A., Bartha, T., trans.) Cambridge, MA: MIT Press, p. 66.</p>
Journal	
Journal article model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the article. <i>Abbr. Jرنل. Title.</i> ##(##):####-####. DOI: #####</p> <p><u>Example</u> [12] Cairns, G. (2017). Equitable candy sharing. <i>Amer. Math. Monthly.</i> 124(6): 518–526. DOI: 10.4169/amer.math.monthly.124.6.518</p>
Online first publication model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (2017). Title of the article. <i>Abbr. Jرنل. Title.</i> Advance online publication. DOI: #####</p> <p><u>Example</u> [8] Rivin, I., Sardari, N. T. (2017). Quantum chaos on random Cayley graphs of $SL_2[\mathbb{Z}/p\mathbb{Z}]$. <i>Experiment. Math.</i> Advance online publication. DOI: 10.1080/10586458.2017.1403982</p>

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Journal article with e-location model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the article. <i>Abbr. Jrn. Title.</i> ##(#): ###. DOI: #####</p> <p><u>Example</u> [53] Bogdan, K., Palmowski, Z., Wang, L. (2018). Yaglom limit for stable processes in cones. <i>Electron. J. Probab.</i> 23: Article 11. DOI: 10.1214/18-EJP133</p>
In-press journal article model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the article. <i>Abbr. Jrn. Title.</i> In press.</p> <p><u>Example</u> [10] Vodev, G. (2018). Improved parametrix in the glancing region for the interior Dirichlet-to-Neumann map. <i>Comm. Partial Differential Equations.</i> In press.</p>
Conference	
Serial proceedings model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the presentaion. <i>Abbr. Ser. Proc./Jrn. Title.</i> ##(#): ###-####. DOI: #####</p> <p><u>Example</u> [1] Grosser, M., Nigsch, E. A. (2018). Full and special Colombeau algebras. <i>Proc. Edinb. Math. Soc.</i> 61: 961–994. DOI: 10.1017/S001309151800010X</p>

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<p>Non-serial proceedings model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of the presentation. In: Editor, A., Editor, B., Editor, C., ed(s). <i>Title of the Proceedings</i>. City, State Abbr./Country: Publisher Name, pp. ###-###.</p> <p><u>Example (full citation)</u> [61] Miller, J. J. H., Shishkin, G. I. (2005). Robust numerical methods for the singularly perturbed Black-Scholes equation. In: Dramač, Z. Marušić, M., Tutek, Z., eds. <i>Proceedings of the Conference on Applied Mathematics and Scientific Computing</i>. Dordrecht, The Netherlands: Springer, pp. 95–108.</p> <p><u>Example (page citation)</u> [61] Miller, J. J. H., Shishkin, G. I. (2005). Robust numerical methods for the singularly perturbed Black-Scholes equation. In: Dramač, Z. Marušić, M., Tutek, Z., eds. <i>Proceedings of the Conference on Applied Mathematics and Scientific Computing</i>. Dordrecht, The Netherlands: Springer, p. 97.</p>
<p>Paper presentation model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author C. (yyyy). Title of presentation. Presented at Abbr. Conference Name, City, State Abbr./Country, Month ##.</p> <p><u>Example</u> [4] Baranov, A. (2016). Spectral synthesis in Hilbert spaces of entire functions. Presented at the 7th European Congress of Mathematics, Berlin, Germany, July 18.</p>
<p>Poster model</p>	<p><u>Format</u> [#] Author, A., Author, B., Author C. (yyyy). Title of poster. Presented at Abbr. Conference Name, City, State Abbr./Country, Month ##.</p> <p><u>Example</u> [33] Seitz, A., Vaughan, M., Harding, N., Curl, E. (2018). Vector reconstruction: A generalized Kaczmarz algorithm. Presented at the 2018 MAA MathFest, Denver, CO, August 2.</p>

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Thesis	
Thesis model	<p><u>Format</u> [#] Author, A. (yyyy). Title of the dissertation. Dissertation or thesis type. Institution Name, City, State Abbr./Country.</p> <p><u>Example</u> [26] Jenssen, M. (2017). Continuous optimisation in extremal combinatorics. PhD dissertation. London School of Economics and Political Science, London, UK.</p>
Internet	
Webpage model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Online site or webpage title. Available at: http://XXXXXX.XXX https://XXXXXX.XXX</p> <p><u>Example</u> [8] Mastin, L. (2010). 17th century mathematics—Leibniz. Available at: https://www.storyofmathematics.com/17th_leibniz.html</p>
Blog	<p><u>Format</u> [#] Blogger, A. (yyyy). Name of blogpost. Available at: http://XXXXXX.XXX https://XXXXXX.XXX</p> <p><u>Example</u> [12] Leek, J. (2018). The economic consequences of MOOCs. Available at: https://simplystatistics.org/2018/10/08/the-economic-consequences-of-moocs/</p>
Newspaper or magazine	

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Print publication model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of article. <i>Name of Newspaper</i>, Month ##, pp. ##.</p> <p><u>Example</u> [22] Chang, K. (2017). Ancient homework: Trigonometry in Babylon? Go figure. <i>New York Times</i>, September 5, p. D2.</p>
Online publication model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of article. <i>Name of Newspaper</i>, Month ##. Available at: http://XXXXXX.XXX https://XXXXXX.XXX</p> <p><u>Example</u> [35] Klein, J. (2018). How the Father of Computer Science Decoded Nature’s Mysterious Patterns. <i>New York Times</i>, May 8. Available at: https://www.nytimes.com/2018/05/08/science/alan-turing-desalination.html</p>
Report	
Print model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of report or paper. #####. City, State Abbr./Country: Publisher Name.</p> <p><u>Example (full citation)</u> [45] Brown, D. L., Bell, J; Estep, D., Gropp, W., Hendrickson, B., Keller-McNulty, S., Keyes, D., Oden, J. T., Petzold, L., Wright, M. (2008). Applied mathematics at the U.S. Department of Energy: Past, present and a view to the future. LLNL-TR-401536. Livermore, CA: Lawrence Livermore National Laboratory.</p> <p><u>Example (page citation)</u> [45] Brown, D. L., Bell, J; Estep, D., Gropp, W., Hendrickson, B., Keller-McNulty, S., Keyes, D., Oden, J. T., Petzold, L., Wright, M. (2008). Applied mathematics at the U.S. Department of Energy: Past, present and a view to the future. LLNL-TR-401536. Livermore, CA: Lawrence Livermore National Laboratory, p. 11.</p>

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Online model	<p><u>Format</u> [#] Author, A., Author, B., Author, C. (yyyy). Title of report or paper. #####. City, State Abbr./Country: Publisher Name. Available at: http://XXXXXX.XXX https://XXXXXX.XXX</p> <p><u>Example</u> [81] Hwang, J., Orenstein, P., Pfeiffer, K., Cohen, J., Mackey, L. (2018). Improving subseasonal forecasting in the western U.S. with machine learning. Technical Report No. 2018-05. Stanford, CA: Department of Statistics, Stanford University. Available at: https://statistics.stanford.edu/sites/default/files/2018-05.pdf</p>
Personal communication	
Personal Letter, telephone conversation, or e-mail	<p><u>Format</u> [#] Contact, A. Affiliation, City, State Abbr./Country [optional]. Personal communication, yyyy.</p> <p><u>Example</u> [19] Swanson, K. Tulane University, New Orleans. Personal communication, 2004.</p>
Other reference types	
Patent model	<p><u>Format</u> [#] Inventor, A., Inventor, B., Inventor, C. (yyyy) Title of patent. Patent Code #####. Month ##.</p> <p><u>Example</u> [67] Pfeifer, A., Muhs, A., Pihlgren, M., Adolfsson, O., Van Leuven, F. (2017). Humanized tau antibody. U.S. Patent 9,657,091. May 27.</p>

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<p>Computer software with developer model</p>	<p><u>Format</u> [#] Developer, A., Developer, B., Developer, C. (yyyy). Title of Program, Version #.#. City, State Abbr./Country: Producer Name.</p> <p><u>Example</u> [10] Noguera, J., Cumby, C. (2017). <i>SigmaXL</i>, Version 8.0. Kitchener, ON, Canada: SigmaXL, Inc.</p>
<p>Computer software without developer model</p>	<p><u>Format</u> [#] <i>Title of Program</i>, Version #.#. (yyyy). City, State Abbr./Country: Publisher Name.</p> <p><u>Example</u> [76] <i>SPSS Amos</i>, Version 22.0. (2013). Armonk, NY: IBM.</p>
<p>FORCE11-compliant software with version number model</p>	<p><u>Format</u> [#] Developer, A. A., Developer, B. B., Developer, C. C. (yyyy). <i>Title of the Software: Subtitle</i>, Version #.#. Producer Name Archive Name. Available at: https://URL</p> <p><u>Example</u> [13] Hecht, K., McKinnon, R., Podkowiak, T., Roman, M., Schmidt, J., Vivier, S., Werst, E., Wyman, J. (2021). <i>Spectrum</i>, Version 6.06. Avenir Health. Available at: https://avenirhealth.org/Download/Spectrum/SpecInstall.EXE</p>
<p>FORCE11-compliant software without version number model</p>	<p><u>Format</u> [#] Developer, A. A., Developer, B. B., Developer, C. C. (yyyy). <i>Title of the Software: Subtitle</i>. Producer Name Archive Name. Accessed Month dd, yyyy. Available at: https://URL</p> <p><u>Example</u> [28] Short, W. M. (2020). <i>MultiWordNet</i>. Python Package Index. Accessed February 26, 2021. Available at: https://pypi.org/project/multiwordnet/0.1.3/#files</p>

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Film	<p><u>Format</u> [#] Director, A. (yyyy). <i>Title of Flm.</i> City, State Abbr./Country: Studio/Distributor Name.</p> <p><u>Example</u> [44] Menéndez, R. (1988). <i>Stand and Deliver.</i> Burbank, CA: Warner Bros.</p>
Television Episode (Recorded)	<p><u>Format</u> [#] Writer, A, Writer, B. (yyyy). Title of episode.In: <i>Title of Series/Collection.</i> City, State Abbr./Country: Studio/Distributor Name.</p> <p><u>Example</u> [6] du Sautoy, M. (2013). The music of the primes. In: <i>The Story of Math Collection.</i> Silver Spring, MD: Athena.</p>
Song (Album Recording)	<p><u>Format</u> [#] Composer, A., Composer, B. (yyyy). Title of song. In: <i>Title of album.</i> City, State Abbr./Country: Recording Manufacturer Name.</p> <p><u>Example</u> [13] Lehrer, T. (1965). New math. In: <i>That Was the Year That Was.</i> Burbank, CA: Reprise.</p>
Dataset model	<p><u>Format</u> [#] Researcher, A., Researcher, B., Researcher, C. (yyyy). Title of dataset: Subtitle [dataset]. Name of Archive/Repository/Database. http://dx.doi.org/XXXXXXXXXX OR https://doi.org/XXXXXXXXXX OR https://[non-DOI URL].</p> <p><u>Example</u> [3] Wang, G.-Y., Zhu, Z.-M., Cui, S., Wang, J.-H. (2017). Data from: Glucocorticoid induces incoordination between Glutamatergic and GABAergic neurons in the amygdala [dataset]. Dryad Digital Repository. https://doi.org/10.5061/dryad.k9q7h.</p>

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