AMS Citation Style Guide (American Mathematical Society)

Overview

The **AMS citation style** is used in **mathematics** and related disciplines. It offers two systems:

1. **Numbered References:** Uses bracketed numbers corresponding to a numbered reference list.
2. **Author-Year Citations:** Uses the author's last name and year in parentheses.

In-Text Citations

- **Numbered References:** The theorem was first introduced **[1]**.
- **Author-Year Citations:** This method is detailed in **Smith (2020)**.

References

- **Numbered References:** Listed in **citation order**.
- **Author-Year Citations:** Listed **alphabetically** by the author's last name.
- **Book:** Smith, J. *Advanced Calculus*. 3rd ed. Cambridge University Press, 2018.
- **Journal Article:** Brown, R., Taylor, M. Solutions to Diophantine Equations. *Math. Comp.* 50 (2020), 123–145.
- **Conference Paper:** Doe, M. New Applications of Algebraic Topology. In *Proc. AMS Annual Meeting*, 45–60. AMS, 2019.

Formatting

- **Font:** Times New Roman, 12 pt.
- **Spacing:** Single-space within entries; double-space between entries.
- **Margins:** 1-inch.
- **Indentation:** Hanging indent for references.

Disciplines Using AMS at UT Tyler

- **Graduate College of Arts and Sciences:** Mathematics M.S.

Resources

- AMS Author Resource Center: https://www.ams.org/arc/
- AMS Style Guide: https://www.ams.org/arc/styleguide/AMSstyleguide.pdf
- AMS Citation Generator: https://www.citethisforme.com/citation-generator/american-mathematical-society