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STUDENT NAME

Date

*Submitted in Partial Fulfillment*

*of the Requirements for*

*the Master of Arts in Mathematics*

Mentor: Name Here

**Abstract**

Provide a short abstract of your paper here. 200-500 words.

# Introduction

This section should contain an overview of your project.

# Background Section

Typically, a literature review is provided in this section. When citing sources, use APA 7. You have two options: Either explicitly mention the authors in the paragraph text, followed by the year of publication in parentheses as in Brownlie (2017), or put both the last name(s) and year in parentheses at the end of the sentence before the period as in (Jones & Marks, 2017). As in this citation, specify both names if there are two authors (separated by “&” if in parentheses or by “and” if in the paragraph) and for three or more authors specify the first author’s name followed by “et al.” as in (Hallam et al., 2010). If you cite several sources at once in the same set of parentheses, list them in alphabetical order by first author separated by semi-colons. See the information in the reference section for more examples.

If you directly quote a source, use double smart quotation marks for short quotes or an indented paragraph for longer quotes (no quotation marks needed), and include the page number of the quote in the citation.

You may also choose to have subsections in your paper. If use the following formats.

*Subsection Title in Title Case in Italics on its Own Line*

**Subsubsection in Title Case Indented, Boldface Ending with a Period**. Paragraph text continues on the same line and continues as a regular paragraph.

# Another Section

Subsequent sections may include methodology, results, etc. Be sure to format any mathematical symbols using the equation editor, whether inline or centered in display mode.

You may also include figures or tables in your paper. If so, use the following rules for formatting: Number them in the order in which they are presented (e.g., Table 1, Table 2, Figure 1, Figure 2), and be sure to specifically refer to them in the text, It is good practice in the text to help the reader understand the main points presented in the table or figure, e.g., “Table 3 provides the background information for each participant in the study.” Tables and Figures should be laid out as follows.

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Put the table/figure here after the title.

**References**

Your reference list will be alphabetical by the last name of the (first) author, with two papers with the same authors listed in date order. If both the authors and the dates are the same, then order alphabetically by the title and append a, b, c, etc., to the date. The standard format is to use outdented paragraphs for references. An entry will have the following general format: List of author(s). (date). Title and publication information.

1. List of authors: Authors are listed in the order presented in the source with each author listed by last name comma initial(s). Initials are followed by a period. When there is more than one author, separate their names with commas and use the ampersand (&) before the last author in the list. Sometimes authors are organizations (such as National Council of Teachers of Mathematics), in which case spell out the name of the organization and end it with a period.
2. Date: Most often the date is the year of publication; follow the author list with the year in parentheses and a period after the parenthesis. There are exceptions to this rule: If there is no date associated with a source use (n.d.). If the source is a newspaper or newsletter article, then the entire date is usually included; this may be the month and year or the full date, depending on the publication, e.g., (2002, August) or (2005, December 10).
3. Title and publication information: Different types of sources will require different information regarding publication. The general rule here is to make sure that someone can find the source. The list below provides examples of formatting or common types of sources. In addition, the forms of in-text citation are given.

Journal Article. The title of the article is in sentence case followed by a period; the journal title is in Title Case using Italics followed by a comma; then the volume number, also in italics. The issue number (if there is one) follows in parentheses followed by a comma and finally the range of pages is given.

Jones, D. E., & Marks, A. B. (2017). Functioning in the real world. *Journal of Math, 30* (10), 210-215.

Citation: Jones and Marks (2017) or (Jones & Marks, 2017).

Entire Book. The book title is in italics and sentence case, followed name of the publisher. Also note the letter after the year, which implies there are multiple entries for Clements from 1991.

Clements, S. (1991). *The cost of being right*. John Wiley and Sons, Inc.

Citation assuming a direct quote from page 12: Clements (1991, p. 12).

Book Chapter or Section. The section title is given in sentence case followed by a period. Next is the information about the book: In, the editors of the book and the title of the book with page numbers. Lastly name of the publisher. Notice that the initials come before the last names when listing the editors.

Carter, D., Hollis, A., Bert, C., Ash, L., Brown, K., & Sargent, W. P. (2004). The importance of correct grammar. In D. Parsons & K. Jones (Eds.), *Good writing style* (pp. 100-152). Springer.

Citation assuming multiple citations in the same parentheses: (Carter et al., 2004; Clements, 1991; Jones & Marks, 2017).

Website. The page or document title is given in sentence case and italics with an indication of what it is (PDF document, Dataset, Software, etc.) in brackets followed by a period, then list the main website source if there is one; then the URL without additional punctuation. If the source is an electronic journal article, you may list the DOI number instead of the URL if available.

Hallam, A., Collens, B. C., & Smith, W. (2010). *Duality in consumer theory* [PDF document]. Lecture Notes Online. http://www.econ.iastate.edu/classes/econ501/Hallam/index.html

Brownlie, D. (2007). *Toward effective poster presentations: An annotated bibliography*. European Journal of Marketing, 41,1245-1283. doi:10.1108/03090560710821161

**Appendix**

You may choose to include ancillary information in appendices, and if so they should follow the reference section.