

SAMPLE UNCW HONORS THESIS

by

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A paper submitted in partial fulfillment of the requirements to complete Honors in the Department of Mathematics and Statistics.

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ABSTRACT

The purpose of this sample is to show the results of using the style files needed to conform to the UNCW Honors Thesis format.

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1 INTRODUCTION

1.1 Introduction to the Research

1.1.1 Subsection

This is the introduction to my topic. In Figure 1 is an example of including an eps figure using the epstopdf package.

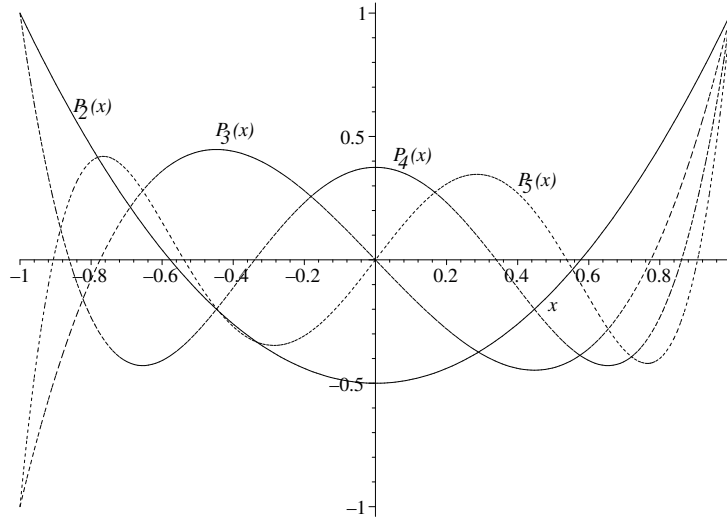


Figure 1: Plot of Legendre polynomials. Need a longer caption to test the list of figures page. No let's see what happens.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

In Figure 2 we plot a jpg image.

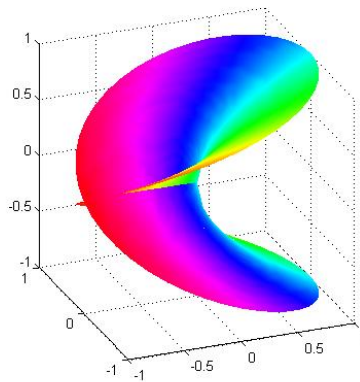


Figure 2: Plot of a jpg image.

For definitions, theorems, and examples, you have environments which set up the proper styles. Here are examples:

Definition 1. A **foobar** is a nonsensical term.

Theorem 1. *If $A = B$ and $B = C$, then $A = C$.*

Proof. This is obvious. □

Example 1. Example of an example.

This is an example.

2 HISTORY

2.1 Introduction to the History

This is a history of my topic. See Figure 3 for an example of using the tikz package to draw figures on the fly.

Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at, molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Curabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio.

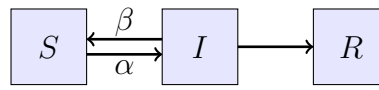


Figure 3: Example of using tikz package.

Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.

1	2	3
4	5	6
7	8	9

Table 1: Example of a table.

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Donec odio elit, dictum in, hendrerit sit amet, egestas sed, leo. Praesent feugiat sapien aliquet odio. Integer vitae justo. Aliquam vestibulum fringilla lorem. Sed neque lectus, consectetur at, consectetur sed, eleifend ac, lectus. Nulla facilisi. Pellentesque eget lectus. Proin eu metus. Sed porttitor. In hac habitasse platea dictumst. Suspendisse eu lectus. Ut mi mi, lacinia sit amet, placerat et, mollis vitae, dui. Sed ante tellus, tristique ut, iaculis eu, malesuada ac, dui. Mauris nibh leo, facilisis non, adipiscing quis, ultrices a, dui.

REFERENCES

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- [8] Example of a long url: <http://camp.drupalne.org/session/drupal-case-commons-based-peer-production>

APPENDIX

A. Sample Program Inclusion

This is a procedure to compute the sum using Maple.

```
SUM := proc(n)
    local i, total;
    total := 0;
    for i from 1 to n do
        total := total+i;
    end do;
    total;
end proc;
```

BIOGRAPHICAL SKETCH

Here is the section where you can let the reader know something about your educational background and any other pertinent professional information that you would like the reader to know.