

Sample Poster Made with msuposter.cls

Your Name Here
AMS Graduate Student Chapter

Advisor: Name, Department of Mathematics

Introduction

Type your introduction to your research here.

Section 1

Use the `block` environment to create different sections for your poster.

Section 2

You can fill in the existing blocks by typing in the spaces between `\begin{block}` and `\end{block}`.

Section 3

Change the title of the block by editing the brackets immediately following `\begin{block}{...}`. By default, the block title will not be bold. If you'd like to make it bold you may add `\bfseries` at the front of the title.

Citations

It's important to use `cite` any references you have. Here is an example citation [?].

Lists

Numbered lists may be created as such:

- This is item one.
- This is item two.
- This is item three.

Unnumbered lists may be created as such:

- Here's an item!
- Here's an item!
 - Here's a sub-item!
- Here's an item!

Tables

Here is an example of a table:

Table 1: The first table		
Col 1	Col 2	Col 3
This	This	This
Column	Column	Column
Is	Is	Is
Right	Left	Centered
Aligned	Aligned	

Figures

You can use the `tikz` package to draw figures. Here's an example:



Figure 1: Look at that awesome directed graph!

You can also include outside graphics:



Figure 2: Check out that Spartan S!

In order to refer back to the figures, you can label them with `\label{...}`, and then refer to them with `\ref{...}`. For example, I really like Figure ?? and Figure ??. And if you want to wrap text around figures, you can use the `wrapfig` package. For example:



Figure 3: A 2nd Spartan S!

Mathematics may be formatted as usual. We may wish to include some math within the text of our document. This can be accomplished as such: $x^3 + 2x - 4$ is a polynomial. On the other hand, we may sometimes wish to have the mathematics displayed more prominently:

$$f(x) = x^3 + 2x - 4.$$

A good example that highlights how to handle fractions and square roots is the Quadratic Formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad \text{where } a, b, c \in \mathbb{R}.$$

That example also illustrates that `\text{...}` in math mode is consistent with the normal text. Let's make sure big operators look good:

$$\int_a^b f(x) dx = \lim_{\max \Delta x_k \rightarrow 0} \sum_{k=1}^n f(x_k^*) \Delta x_k$$

Other Types of Blocks

In addition to the standard `block` environment, there are a handful of other block styles you may use. Some examples are:

- Environments from the `amsthm` package (e.g., `theorem`, `definition`)
- `exampleblock`
- `alertblock`

Definition (My Definition)

Here is a definition that is necessary to understand my research...

Theorem (My Theorem Title)

Here's a theorem that I proved... Note that this text is automatically italicized.

An Example Block

Here is an example that is highly insightful... Note that this style of block will automatically change the block's colors.

An Alerted Block

Here is something that is extremely important! Note that this style of block will automatically change the block's colors.

Acknowledgements

Make sure to include an acknowledgement section that recognized those that have helped in your work. Include any grant numbers here.

References