

## Quaternions

The goal of the presentation is to discuss the Quaternions. Your presentation should include at least

- A discussion what the Quaternions are.
- A discussion of what Imaginary (and Complex) numbers are and their relationship to Quaternions.
- A discussion of the history of Quaternions

In addition you should include at least one thing not on the above list

At the end of your presentation the class will be asked one of the following questions.

- Who first discovered the quaternions?
- What does  $i * j$  equal?
- What does it mean that the quaternions aren't commutative?

A good starting point for your research is

<http://en.wikipedia.org/wiki/Quaternions>

If you have any questions regarding the presentation feel free to e-mail your TA or Dr. Ackerman