

August Mobius and Mobius Strips

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

- A discussion of who Mobius was and his life.
- An explanation of what a Mobius strip is.
- A discussion of what it means for a surface not to be orientable.

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.

- Which of the following is an example of a non-orientable shape which can be embedded in 4 dimensional space: A Cheshire Hat, A Klein Bottle, A Russell Sock?
- Where did Mobius go to school?
- How many sides does a Mobius strip have?

A good starting point for your research is

http://en.wikipedia.org/wiki/August_Ferdinand_M%C3%B6bius

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