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Features

## Imaging maths – Inside the Klein bottle



# An elementary parameterization of the Klein bottle

### JavaView Controls

<i>Left-Mouse</i>	Drag to rotate
<i>s</i>	Drag to scale
<i>t</i>	Drag to translate
<i>r</i>	Switch to reset
<i>w</i>	Enable auto-rotation
<i>q</i>	Stop auto-rotation
<i>Right-Mouse</i>	Show popup menu
<i>Shift-s</i>	Enable smooth drawing

Advanced [JavaView Help](#)

This elementary parameterization of the Klein bottle consists of four parts, three of which are surfaces of rotation and one is a sheered surface of rotation.

Open the display inspector and switch-off visibility of individual parts using

- ◇ Right-mouse click, select control panel
- ◇ Menu INSPECTOR→DISPLAY
- ◇ Click on either of the four surfaces in the right column to switch visibility

The material properties of individual parts can be modified by first selecting the part and second opening the material panel. A part can be selected by

- ◇ Right-mouse click, select control panel
- ◇ Menu INSPECTOR→DISPLAY
- ◇ Click on either of the four surfaces in the left column to switch visibility

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