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Features

Imaging maths – Inside the Klein bottle



Half of a Klein bottle with Möbius strip

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](#)

Walking along the Möbius band allows to reach both sides of the Klein bottle.

Open a separate display, which can be enlarged to fill the whole screen, using

◇ Right-mouse click, select "New Display"

If interaction with a larger display is too slow then disable the transparency of the Klein bottle half using

- ◇ Right-mouse click, select control panel
- ◇ Menu INSPECTOR→DISPLAY
- ◇ Activate the Klein bottle by selecting it in the left column.
- ◇ Menu INSPECTOR→MATERIAL
- ◇ Disable the checkbox Transparency.

Instead of using the display inspector to select a surface, one can use a shortcut: keep the control key <Ctrl> pressed and left-click on the desired surface in the display.

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