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Features

Imaging maths – Inside the Klein bottle



Figure–8 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](#)

The Figure–8 Klein bottle is built from two parts, a red and a semi-transparent white part, which are both Möbius bands. Each part is the trace of half of the figure–8 curve when the figure–8 is moved and twisted long the inner circle.

Open the display inspector and switch–off visibility of either Möbius band to get a better look in the interior of the Figure–8 Klein bottle using

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

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