

```

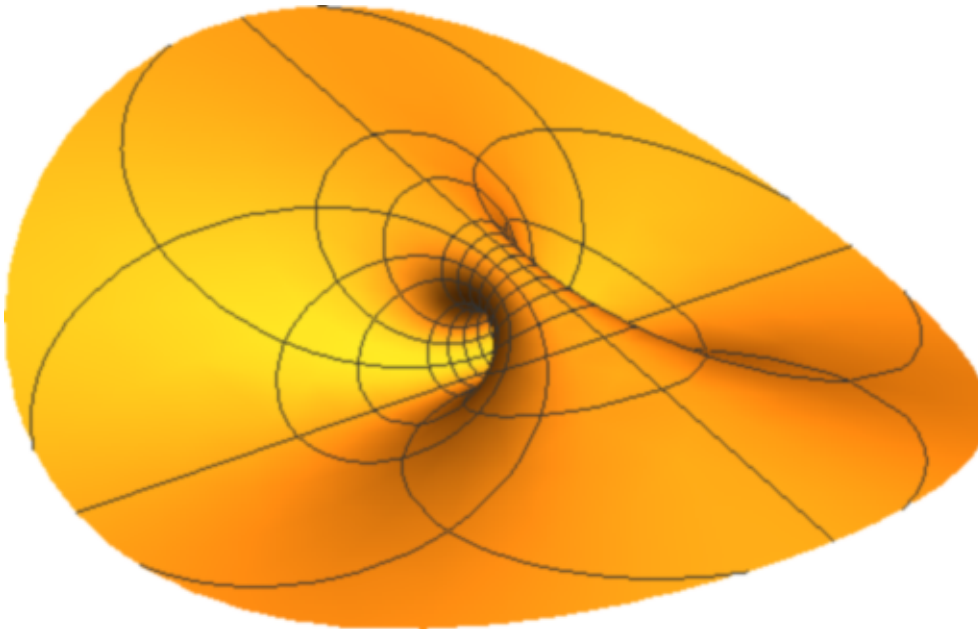
SetDirectory["C:\\drorbn\\AcademicPensieve\\2015-01"];

R =  $\frac{\sqrt{2}}{2}$  RotationMatrix[{{0, 1, 0, 1}, {0, 0, 0, 1}}];

 $\lambda[w_, x_, y_, z_] := \frac{\{w, x, y\}}{1 - z}$ ;

MakeImage["Order4Torus",
  ParametricPlot3D[
     $\lambda@@(R.\{\text{Cos}[t], \text{Sin}[t], \text{Cos}[s], \text{Sin}[s]\})$ ,
    {t, 0, 2  $\pi$ }, {s, 0, 2  $\pi$ },
    RegionFunction  $\rightarrow \left( \left( \#4 - \frac{\pi}{2} \right)^2 + \left( \#5 - \frac{\pi}{2} \right)^2 > 0.4^2 \ \&$  \right),
    Boxed  $\rightarrow$  False, Axes  $\rightarrow$  False,
    PlotRange  $\rightarrow$  All, PlotPoints  $\rightarrow$  20, MaxRecursion  $\rightarrow$  5,
    ViewPoint  $\rightarrow$  {1.84837, 1.96957, -2.03821},
    ViewVertical  $\rightarrow$  {0.0295198, 6.86933, 0.179905}
  ], ImageSize  $\rightarrow$  720
]

```



Competition:

<http://www.math.union.edu/~dpvc/math/4d/stereo-projection/welcome.html>,

<http://www.math.union.edu/~dpvc/tfb/icms-poster/torus/welcome.html>,

http://commons.wikimedia.org/wiki/File:Inside-out_torus_%28animated,_small%29.gif.