

In[2]:= $h[t_] = t / (1 - t)$

Out[2]= $\frac{t}{1 - t}$

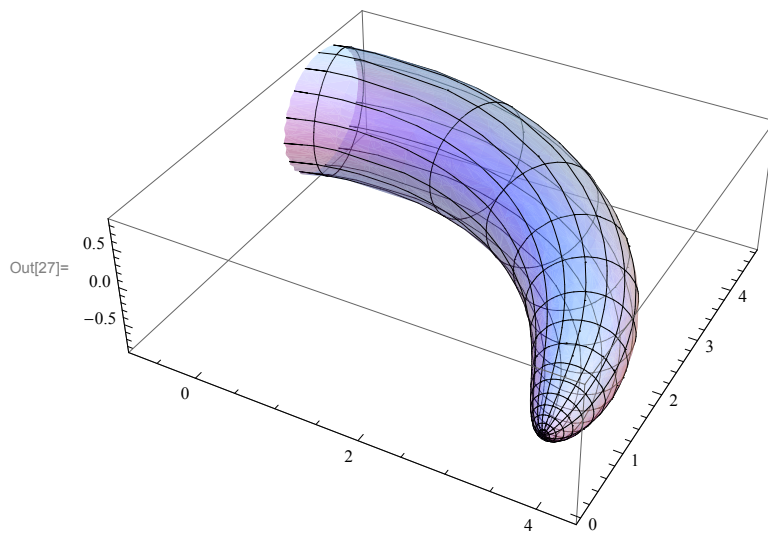
In[3]:=

$k[t_] = h[t^2]$

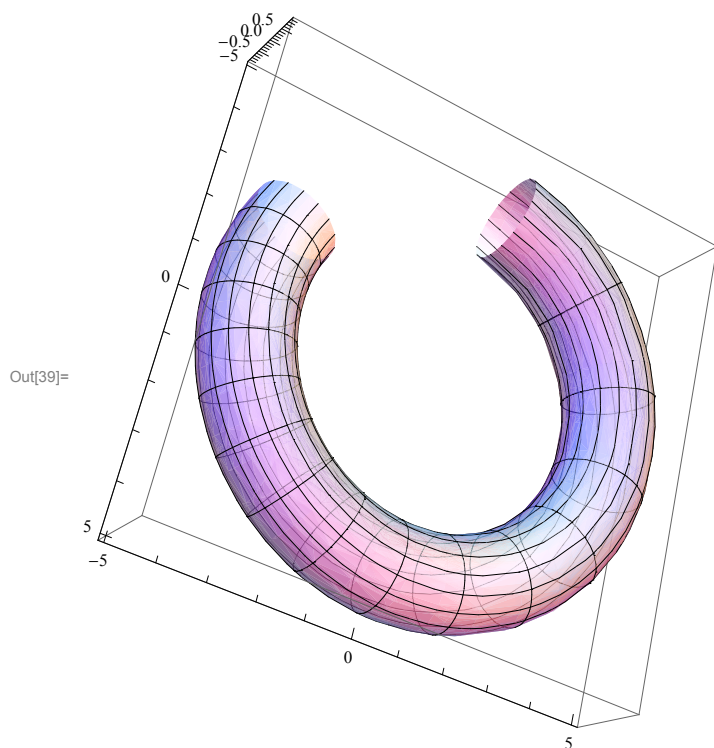
Out[3]= $\frac{t^2}{1 - t^2}$

In[27]:=

```
p1 = ParametricPlot3D[  
  {(4 + t * Cos[u]) * Cos[k[t]], (4 + t * Cos[u]) * Sin[k[t]], t * Sin[u]},  
  {u, 0, 2 Pi}, {t, 0, 0.85}, PlotStyle -> Opacity[0.5]]
```



```
In[39]:= p2 = ParametricPlot3D[  
  {(4 + t * Cos[u]) * Cos[k[t]], (4 + t * Cos[u]) * Sin[k[t]], t * Sin[u]},  
  {u, 0, 2 Pi}, {t, 0.9, 0.95}, PlotStyle -> Opacity[0.7]]
```



```
In[40]:= Show[p1, p2]
```

