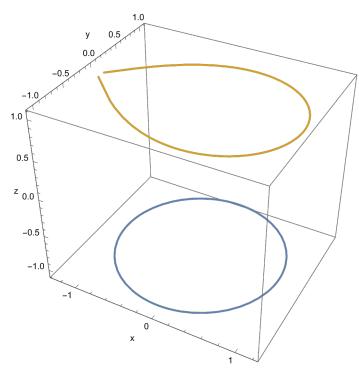
利用复变函数的映射生成曲面

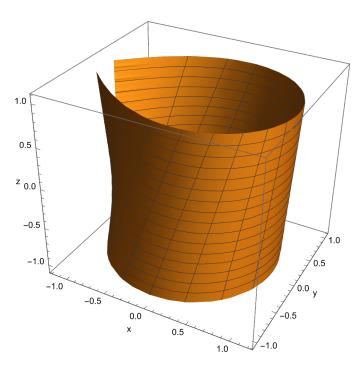


这里需要注意@的优先级大于@@

拔高成曲面

| ParametricPlot3D[{v l2 + (1 - v) l1}, {θ, 0, 2 π}, {v, 0, 1}, AxesLabel \rightarrow {"x", "y", "z"}] | 公制三维参数图

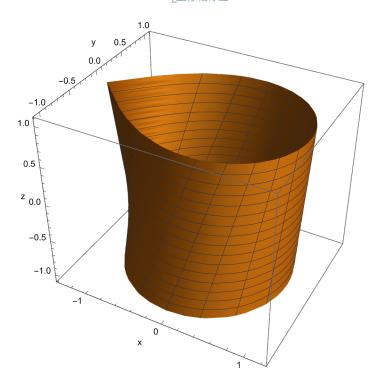
Out[•]=



 In[*]:=
 ParametricPlot3D[{v Append[ReIm@f[Complex @@ c], 1] + (1 - v) 11},

 绘制三维参数图
 追加
 实部…
 复数

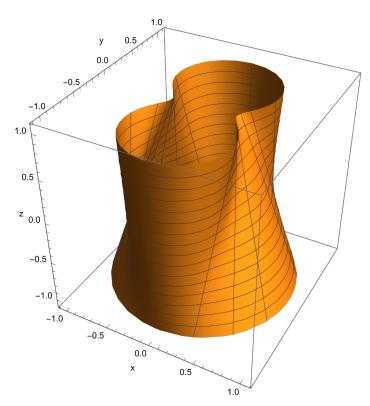
 $\{\theta$, 0, 2 π }, $\{v$, 0, 1}, AxesLabel $\rightarrow \{"x", "y", "z"\}]$ 上坐标轴标签



为什么不是开口?

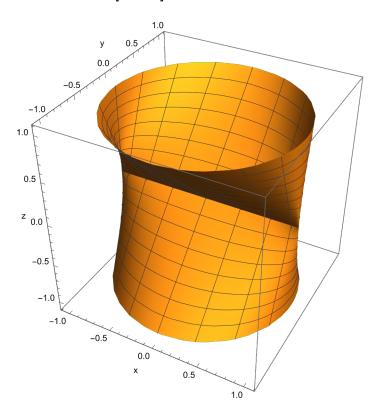
包装为函数

嵌套 正弦

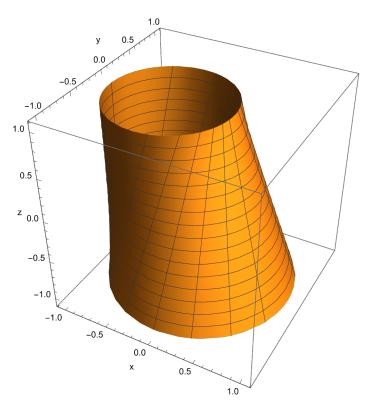


In[*]:= loftWithCircle[1/#&]

Out[•]=

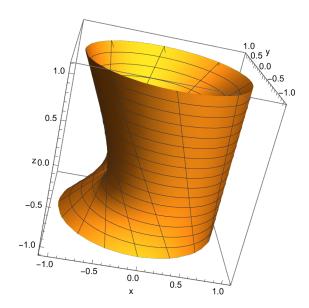


ln[=]:= loftWithCircle $\left[\frac{\#}{\#+2} \&\right]$

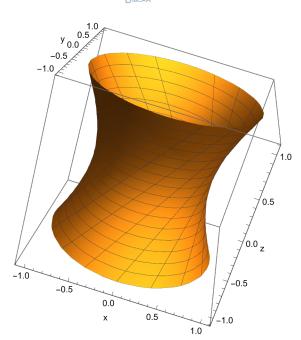


In[•]:= loftWithCircle[#² &]

Out[•]=

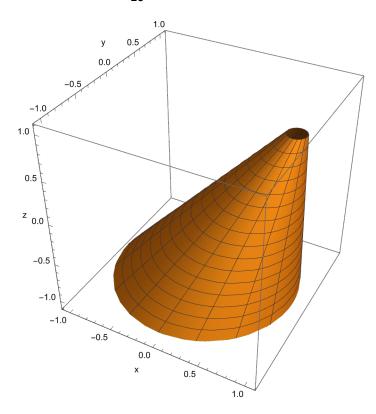


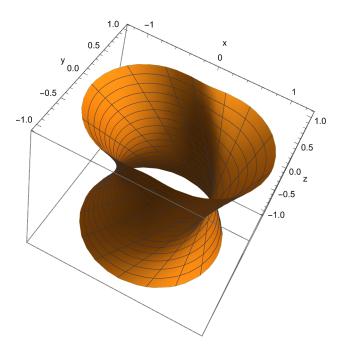
loftWithCircle[#I&] _虚数的



$$lo[a] :=$$
 loftWithCircle $\left[\frac{\# - 1}{10} + 1 \&\right]$

Out[•]=





| In[e]:= loftWithCircle [Exp[
$$\frac{5 \text{ I } \pi}{\text{ 指数形式}}$$
] Sin[#] &]

