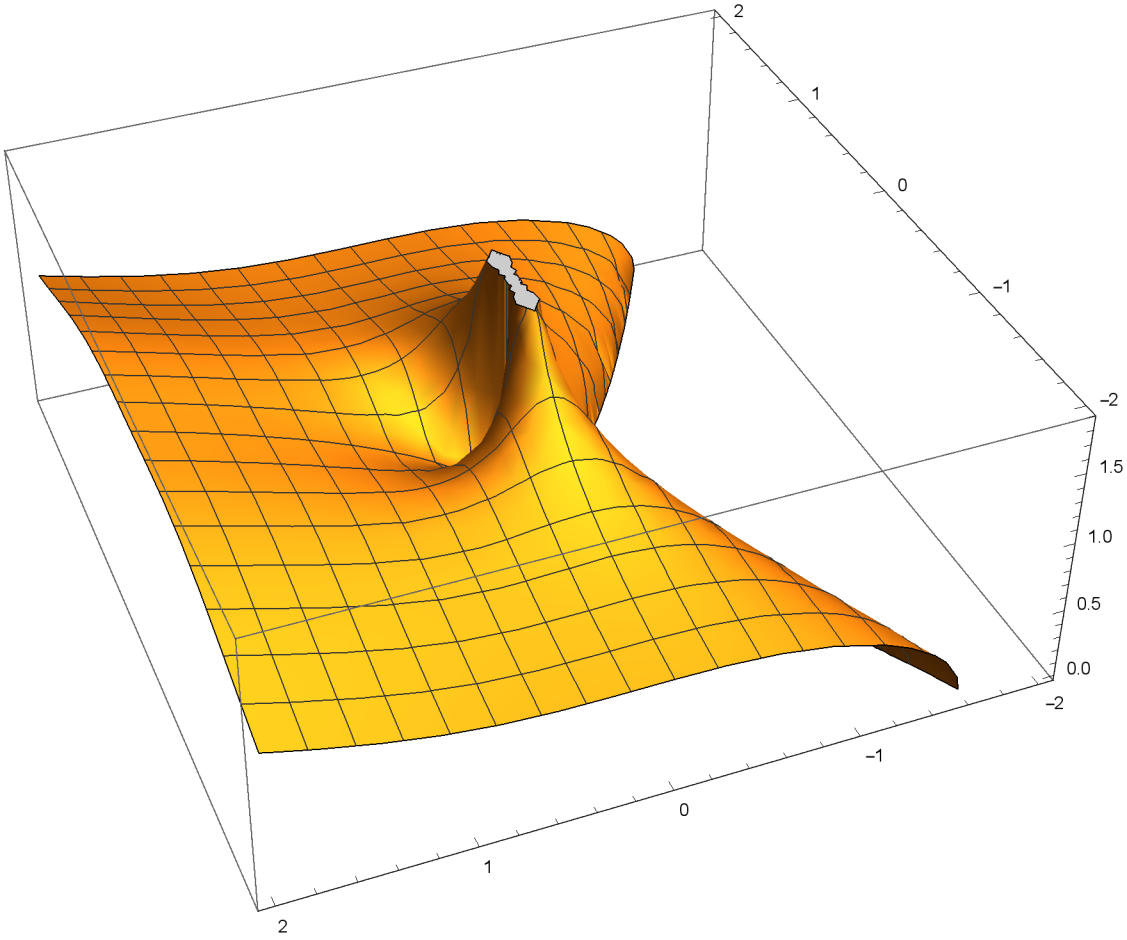
In[31]:=
```
f[x_, y_] = Sqrt[(x^2 + y^3) / (Abs[x^3] + y^2)]
```
raiz quadrada valor absoluto

In[67]:=
```
Limit[f[a, n a], a → 0]
```
limite

Out[67]=
$$\sqrt{\frac{1}{n^2}}$$

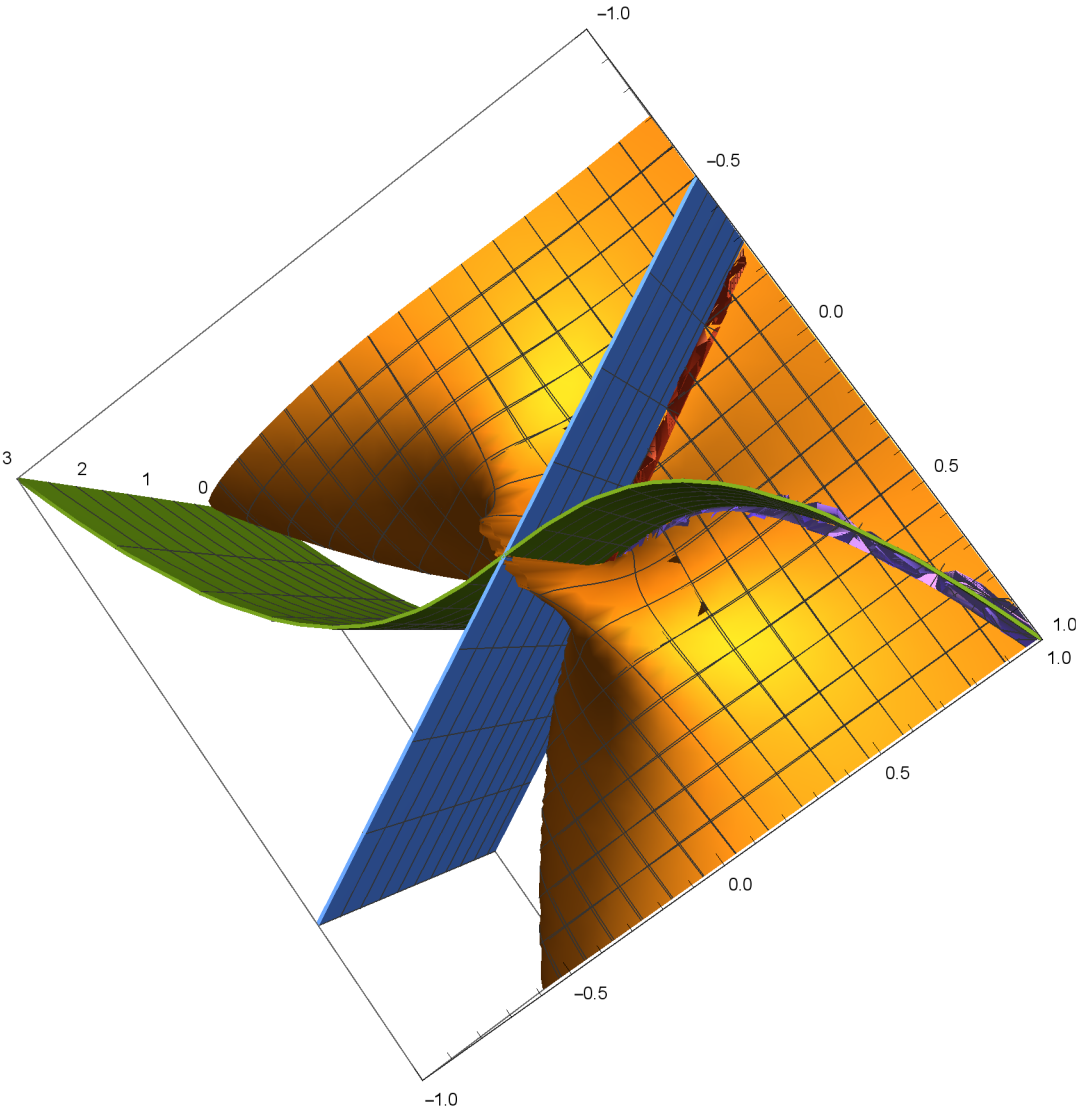
In[34]:=
```
Plot3D[f[x, y], {x, -2, 2}, {y, -2, 2}]
```
gráfico 3D

Out[34]=



In[87]:=
```
ParametricPlot3D[
```
gráfico paramétrico 3D
```
 {{x, y, f[x, y]}, {x, -2 x, 3 y}, {x^3, x, 3 y}, {x, -2 x, f[x, -2 x]}, {x^3, x, f[x^3, x]}},
 {x, -1, 1}, {y, -1, 1}, PlotRange → {{-1, 1}, {-1, 1}, {-1, 3}},
```
intervalo do gráfico
```
 PlotStyle → {Thickness[0.01], Thickness[0.01], Thickness[0.01],
```
espessura espessura espessura
```
   Thickness[0.1], Thickness[0.1]}, BoxRatios → {1, 1, 1}]
```
espessura espessura quociente de caixa

Out[87]=



In[89]:=
```
Plot[{f[x, 2 x], f[x, 3 x], f[x^3, x]}, {x, -0.5, 0.5}]
```
gráfico

Out[89]=