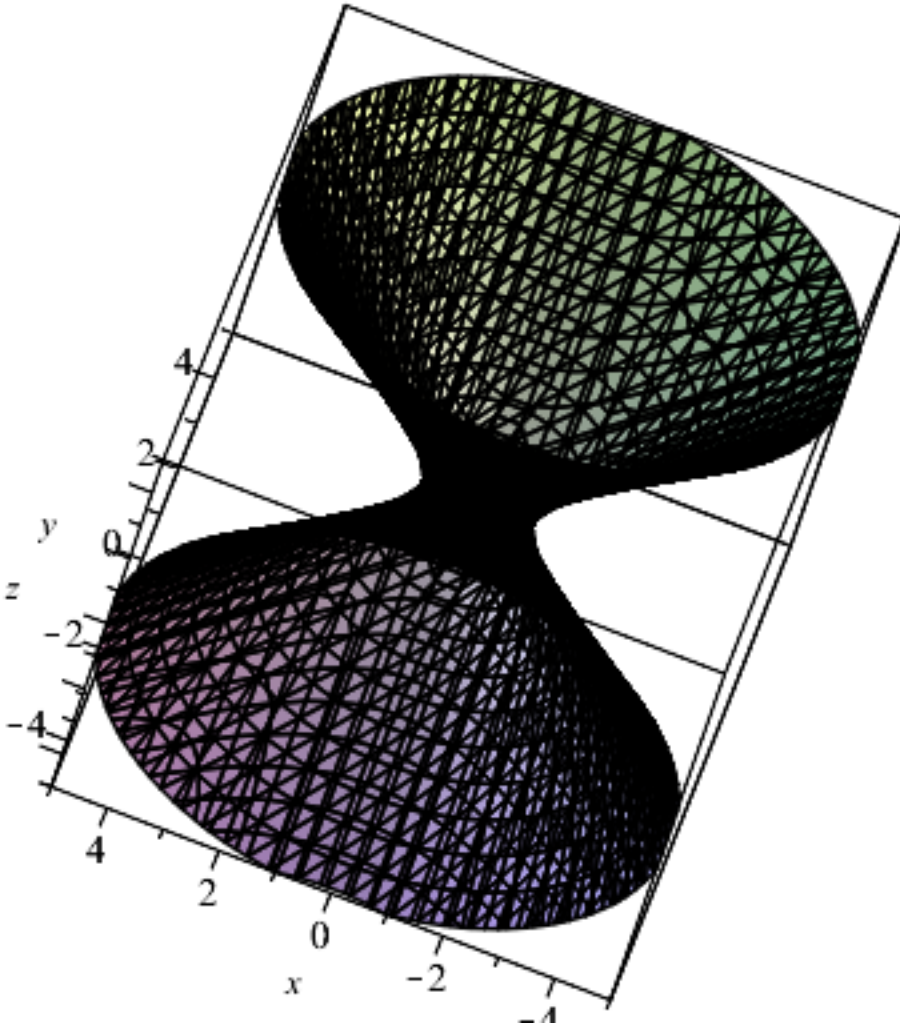


with(plots) :

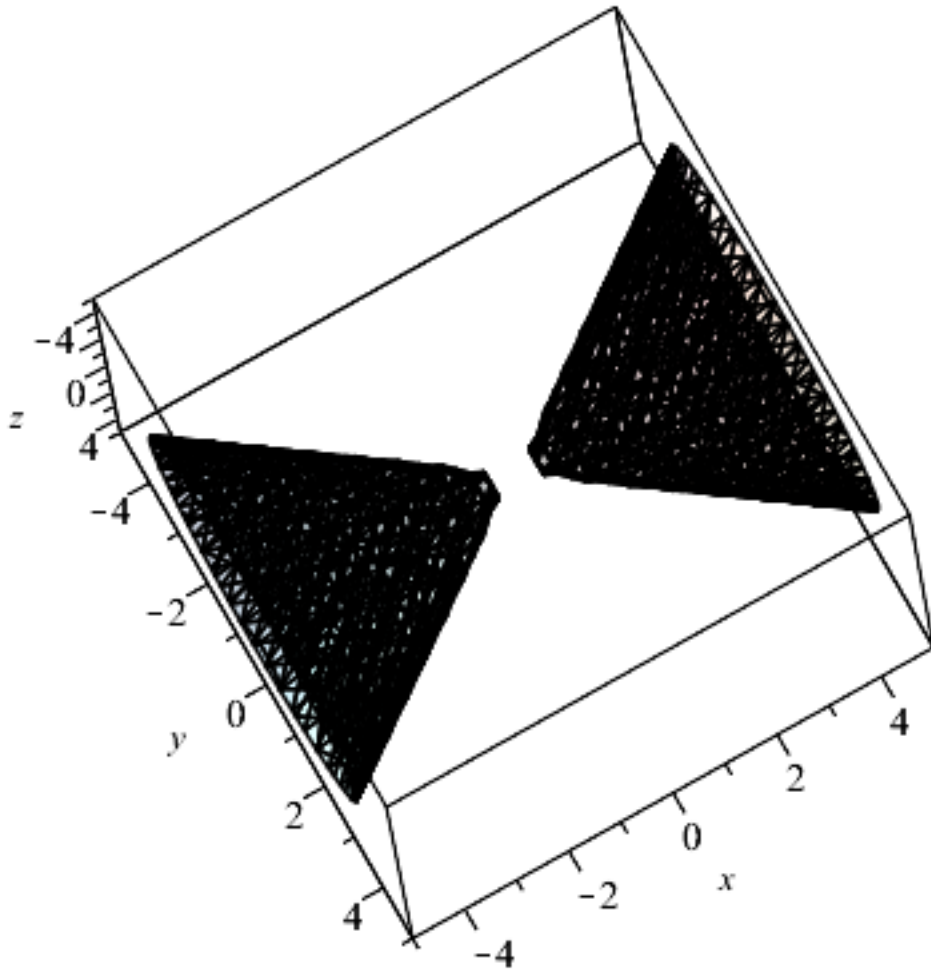
implicitplot3d(x² - y² + z² = 1, x = -5 .. 5, y = -5 .. 5, z = -5 .. 5, transparency = .4, numpoints = 10000)



12.6 #30

$$x^2 = 2 \cdot y^2 + 3 \cdot z^2$$

implicitplot3d(x² = 2 · y² + 3 · z², x = -5 .. 5, y = -5 .. 5, z = -5 .. 5, transparency = .7, numpoints = 10000)



12.6 #36

```
implicitplot3d( $x^2 - y^2 + z^2 - 2 \cdot x + 2 \cdot y + 4 \cdot z + 2 = 0$ ,  $x = -4 \dots 4$ ,  $y = -4 \dots 4$ ,  $z = -7 \dots 7$ , transparency = .7,  
numpoints = 10000)
```

