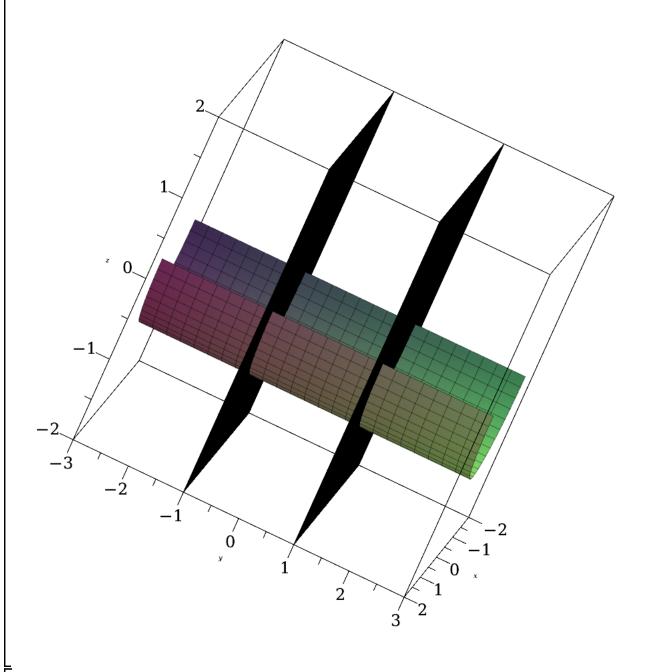
```
> restart: with(LinearAlgebra): with(plots): with(plottools): with(VectorCalculus): SetCoordinates(cartesian[x, y, z]):
```

$$Y1 := implicitplot3d(y = 1, x = -2 ... 2, y = -1 ... 2, z = -2 ... 2, color = "Blue"): Y2 := implicitplot3d(y = -1, x = -2 ... 2, y = -2 ... 1, z = -2 ... 2, color = "Red"):$$

- $\rightarrow$  cilinder\_plot := plot3d([cos(theta), y, sin(theta)], theta = Pi..2·Pi, y = -3..3):
- display(Y1, Y2, cilinder plot)



# Curl of modified F