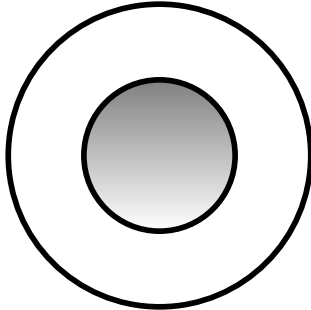
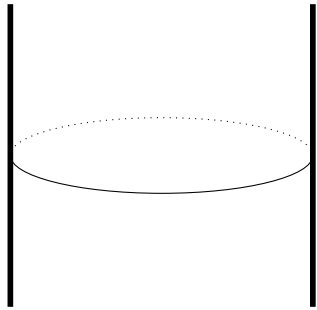


$$\mathbb{D} \setminus \{(0, 0)\}$$

 \approx 

$$\{1 < x^2 + y^2 < 4\} \subset \mathbb{R}^2$$

 \approx 

$$\{x^2 + y^2 = 1\} \subset \mathbb{R}^3$$