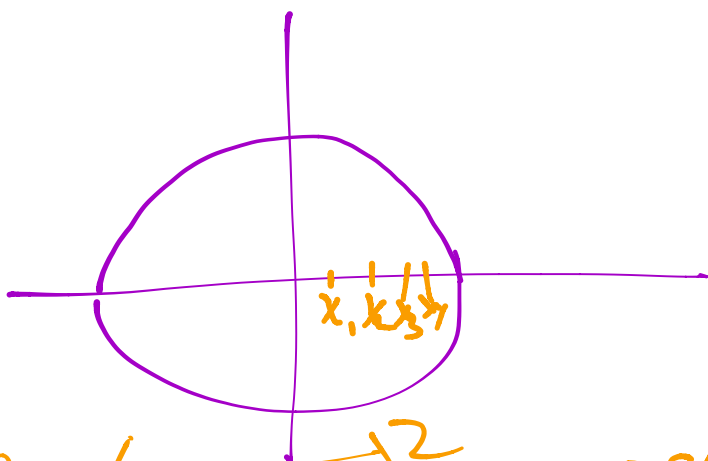


$$A = (2\sqrt{4-x^2})^2$$

$$A = 4(4-x^2) = 16-4x^2 \text{ area of any arbitrary square cross section}$$

$$\text{Width} = dx$$

$$dV = (16-4x^2) dx$$



$$R = (2\sqrt{4-x_1^2})^2 \cdot 0.0085 + (2\sqrt{4-x_2^2})^2 \cdot 0.0085 + (2\sqrt{4-x_3^2})^2 \cdot 0.0085 + (2\sqrt{4-x_4^2})^2 \cdot 0.0085$$

Show Me + MMM 34