Definition 0.0.1: Rotationsarea kring y-axeln

Arean Asomm genereras när kurvan $y=f(x),\,a\leq x\leq b,$ roteras runt y-axeln ges av:

$$A = \int_{a}^{b} 2\pi x \frac{1 + (f'(x))^{2}}{1 + (f'(x))^{2}} dx$$