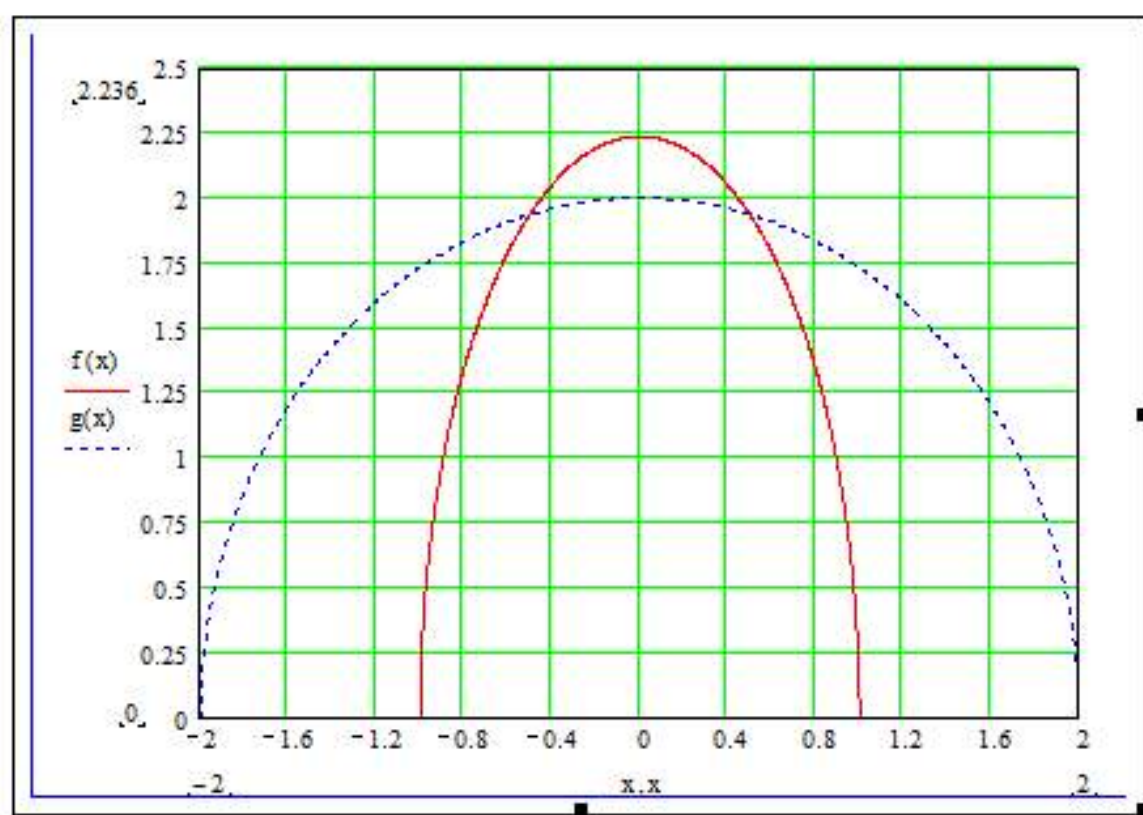


ATOOWE VICTORIA ALOIYE  
 BIOMEDICAL ENGINEERING  
 18-ENG08-003

$$f(x) := \sqrt{5 - 5x^2}$$

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



Trace intercept

$$y := 1.93654$$

$$x := 0.50054$$



Normal Arial 10 B I U

$$\frac{-2}{x \cdot x} = 2$$

Trace intercept

$$y := 1.93654$$

$$x := 0.50054$$

Differentiating f(x)

$$\left(\frac{d}{dx} f(x)\right) = -1.293$$

$$\theta_x := \text{atan}\left(\frac{d}{dx} f(x)\right)$$

$$\theta_x = -52.279 \text{ deg}$$

Differentiating g(x)

$$\frac{d}{dx} g(x) = -0.258$$

$$\theta_y := \text{atan}\left(\frac{d}{dx} g(x)\right)$$

$$\theta_y = -14.493 \text{ deg}$$

$$\text{magnitude} = \theta_x - \theta_y$$

$$\text{magnitude} := 37.763 \text{ deg}$$



Press F1 for help.



I'm Cortana. Ask me anything.

