

 $y = \frac{b}{a}\sqrt{ka^2 - x^2}$ 

b = 2.5

a = 3.7

k = 0.00032

 $y = -\frac{m}{a}\sqrt{ka^2 - x^2}$ 

m = 0.5

x = 1.25

y = -0.01

x = 0.0662

x = -0.0662

x = 0.022

x = 0.044

x = 0.055

x = -0.022

x = -0.044

x = -0.055

y = 0.045