

$$\frac{b - \frac{1}{2}}{a - \frac{3^{0.5}}{2}} = \frac{\frac{1}{2} - \frac{3^{0.5}}{2}}{\frac{3^{0.5}}{2} - \frac{1}{2}} \text{ solve, } b \rightarrow 1.3660254037844386468 - 1 \cdot a$$

$$y(x) := 1.366025404 - x$$

$$y(0.866) = 0.500025$$

$$y(0.5) = 0.866025$$

$$b(x) := (1 - x^2)^{0.5}$$

$$b(0.866) = 0.500044$$

$$b(0.5) = 0.866025$$

