$$z^2 - z\frac{2b}{a} + b^2 - R_i^2 = 0$$

$$z^2 - z\frac{b}{a} + \frac{b^2 - R_i^2}{2} = 0$$

$$z_{1/2} = \frac{b}{2a} \pm \sqrt{\left(\frac{b}{2a}\right)^2 - \left(\frac{b^2 - R^2}{2}\right)}$$

$$\sin\beta = \frac{z}{R_i}$$

$$\beta = \arcsin\left(\frac{z}{R_i}\right)$$

$$x = \frac{z}{\text{Rund}}$$

$$y = \frac{z}{\sin\beta} \qquad \cos\beta = \frac{y}{R_i}$$

$$\cos$$

$$z^2\left(1 + \frac{1}{a^2}\right) - 2z\frac{b}{a} + b^2 - R_i^2 = 0$$

$$z^2 - z\frac{2b}{a\left(1 + \frac{1}{a^2}\right)} + \frac{\left(b^2 - R_i^2\right)}{1 + \frac{1}{a^2}} = 0$$