

$$r' = \frac{\sqrt{h^2 - z^2}}{h^2 - z^2}$$

$$\frac{\lambda_1(h^2 - z^2) + \lambda_2 z(h^2 - z^2) - 4b^2}{\sqrt{h^2 - z^2}}$$

$$\frac{(h^2 - z^2)(h^2 - z^2) - b^2}{h^2 - z^2}$$

$$\begin{cases} z(h^2 - z^2)x' = x\sqrt{h^2 - z^2} - ay \\ z(h^2 - z^2)y' = y\sqrt{h^2 - z^2} + ax \\ z(h^2 - z^2)z' = bz^2 \end{cases}$$

$$z(h^2 - z^2)z' = bz^2$$

$$2(h^2 - 2z^2) \frac{\sqrt{h^2 - z^2}}{h^2 - z^2} x' + z(h^2 - z^2)x'' = x\sqrt{h^2 - z^2} + x \left(h^2 - 3z^2 - \frac{b^2}{h^2 - z^2} \right) - \frac{a}{z^2} \frac{y\sqrt{h^2 - z^2}}{h^2 - z^2}$$

$$" \quad y' + " \quad y'' = y\sqrt{h^2 - z^2} + y \left(" \quad " \right) + \frac{a}{z^2} \frac{x\sqrt{h^2 - z^2}}{h^2 - z^2}$$

$$" \quad z' + " \quad z'' = 2b \frac{\sqrt{h^2 - z^2}}{h^2 - z^2}$$

$$\begin{cases} z^2(h^2 - z^2)x'' = \frac{\sqrt{h^2 - z^2}}{z^2} \cdot \frac{x\sqrt{h^2 - z^2} - ay}{h^2 - z^2} - \frac{2}{z^2} \frac{h^2 - 2z^2}{(h^2 - z^2)^2} \sqrt{h^2 - z^2} (x\sqrt{h^2 - z^2} - ay) + x \left(h^2 - 3z^2 - \frac{b^2}{h^2 - z^2} \right) - \frac{a}{z^2} \frac{y\sqrt{h^2 - z^2}}{h^2 - z^2} \\ z^2(h^2 - z^2)y'' = \frac{\sqrt{h^2 - z^2}}{z^2} \frac{y\sqrt{h^2 - z^2} + ax}{h^2 - z^2} - \frac{2}{z^2} \frac{h^2 - 2z^2}{(h^2 - z^2)^2} \sqrt{h^2 - z^2} (y\sqrt{h^2 - z^2} + ax) + y \left(" \quad " \right) + \frac{a}{z^2} \frac{x\sqrt{h^2 - z^2}}{h^2 - z^2} \\ z^2(h^2 - z^2)z'' = \frac{2bz^2\sqrt{h^2 - z^2}}{(h^2 - z^2)^2} \end{cases}$$

$$2b \frac{\sqrt{h^2 - z^2}}{h^2 - z^2} - 2(h^2 - 2z^2) \frac{\sqrt{h^2 - z^2}}{h^2 - z^2} \frac{b}{h^2 - z^2}$$

$$\frac{2bz^2\sqrt{h^2 - z^2}}{(h^2 - z^2)^2}$$

$$\frac{z^2(h^2 - z^2)^2}{\rho^2} =$$

