







$$r \sin \phi + r \phi \cos \phi = 0$$

$$r \cos \phi - r \phi \sin \phi = R\theta$$

$$R \int_{-\infty}^{\infty} \frac{R^2 T H^2}{\Phi r^2} \cos \phi = \frac{H}{R^2 + H^2}$$

$$sin \phi = \frac{R}{\sqrt{R^2 + H^2}}$$

$$r \sin \phi + r \phi \cos \phi = C$$

$$\Rightarrow r R^{2}H^{2} + r \phi H = 0$$

$$\Rightarrow r R + r \phi H = 0$$

$$\Rightarrow r = -\frac{r}{R}H\phi$$

$$R \left( -\frac{x}{R} + \frac{y}{R} + \frac{y}{R} + \frac{y}{R} \right)$$

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$$\dot{\rho} = -\frac{R^2 \dot{\theta}}{R^2 + H^2}$$

$$\dot{\gamma} = -\frac{\gamma H}{R} \dot{\phi} = -\frac{\gamma R^2 \dot{\theta}}{R^2 + H^2}$$

$$\dot{\gamma} = \frac{RH}{\sqrt{R^2 + H^2}} \dot{\theta}$$

$$\frac{1}{R^{2}+H^{2}} = \frac{-(1.5)^{2}x2T}{(1.5^{2}+4^{2})}$$







