

# Ein Titel

Der Author

May 15, 2012

## 1 Test

$$\begin{array}{ll} \frac{\partial a_1}{\partial t} = \frac{\partial^2 b_M \zeta_1}{\partial c^2} + f \zeta_2 & \text{und} \quad \frac{\partial a_2}{\partial t} = \frac{\partial^2 b_M \zeta_2}{\partial c^2} + f \zeta_1 \\ \zeta_1 = \frac{\partial^2 \psi_1}{\partial z^2} & \text{und} \quad \zeta_2 = \frac{\partial^2 \psi_2}{\partial z^2} \\ u = \frac{\partial \psi_2}{\partial z} & \text{und} \quad v = -\frac{\partial \psi_1}{\partial z} \\ K_M = (\kappa z)^2 \sqrt{\zeta_1^2 + \zeta_2^2} \end{array} \quad (1)$$