

$$\text{Z 1. ríce: } \partial E_x = - \frac{\partial B_y}{\partial t} \partial z$$

- str. 19 prezentace

$$\text{Derivaci po } \partial E_x \text{ do 2. ríce: } \frac{\partial B_y}{\partial z} = \mu \epsilon \frac{\partial^2 B_y}{\partial t^2} \partial z$$

$$\frac{\partial^2 B_y}{\partial z^2} = \mu \epsilon \frac{\partial^2 B_y}{\partial t^2} \quad |$$

$$\text{a z 2. ríce: } + \partial B_y = - \mu \epsilon \frac{\partial E_x}{\partial t} \partial z$$

$$\text{Derivaci po } \partial B_y \text{ do 1. ríce: } \frac{\partial E_x}{\partial z} = \mu \epsilon \frac{\partial^2 E_x}{\partial t^2} \partial z$$

$$\frac{\partial^2 E_x}{\partial z^2} = \mu \epsilon \frac{\partial^2 E_x}{\partial t^2}$$