Assume A, DX, M constant Tit's = By MDX

$$(P_{i+1}, -P_{i}) + (P_{i+1} - P_{i+1}) = 2k_{i} A + \frac{2 k_{i} B_{x} \Delta x}{2 k_{i+1} A} = \frac{8 \mu B_{x} \Delta x}{k_{i+1} k_{i} A}$$

$$k_{i+k_2} = 2\left(\frac{1}{k_i} + \frac{1}{k_{i+1}}\right)^{-1}$$

Hormonic Average

$$R_{i+1/2} = \frac{\Delta x_i + \Delta x_{i+1}}{\frac{\Delta x_i}{R_{i}} + \frac{\Delta x_{i+1}}{R_{i+1}}}$$

It p is constant

$$\left(\frac{kA}{\Delta \times}\right)_{i+1/2} = \frac{2k_i A_i k_{i+1} A_{i+1}}{k_i A_i \Delta \times_{i+1} \Delta \times_{i+1}} + k_{i+1} A_{i+1} \Delta \times_{i}$$

Ti+1/2 =
$$\left(\frac{1}{B_{x}\mu}\right)\left(\frac{kA}{\Delta x}\right)_{i+1/2}$$