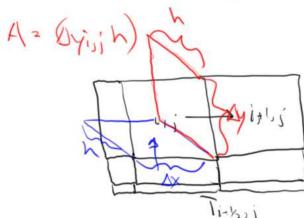
$$TX_{i+k_{2}j} = \frac{k_{X_{i+k_{2}j}} \left(\Delta y_{i,j} h\right)}{\mu B_{\omega} \Delta x_{i+k_{2}j}}$$

$$k_{x_{i+1},j} = \frac{\Delta_{x_{i,j}} + \Delta_{x_{i+1,j}}}{\Delta_{x_{i,j}} + \Delta_{x_{i+1,j}}}$$

$$\frac{\Delta_{x_{i,j}} + \Delta_{x_{i+1,j}}}{k_{x_{i+1,j}}}$$

$$Ryi,j+1 = \frac{\Delta yi,j+1}{\frac{\Delta yi,j+1}{Ryi,j+1}} + \frac{\Delta yi,j+1}{Ryi,j+1}$$



P=PR

1	11/1	11/1/	MIM
	10	()	12
	7	9	9
	4	5	6
	\	Z	3
1	111111	11111	1/1/1/

Mass on grid #5
$$T(P_4 - P_5) + T(P_c - P_s) + T(P_2 - P_s) + T(P_8 - P_5) = \frac{V_5 + V_5}{V_5 + V_5} = \frac{V_5 + V_5}{V_5} = \frac{V_5 + V_5}{V$$

$$-TP_{2}^{n+1}-TP_{4}^{n+1}+\left(4T+\frac{V_{5}G_{4}\phi_{5}}{B_{\omega}G_{4}}\right)_{5}^{n+1}-TP_{6}^{n+1}-TP_{8}^{n+1}$$

$$=\frac{V_{5}G_{4}\phi_{5}}{B_{\omega}G_{4}}P_{5}^{n}+Q_{5}$$

$$\frac{V_{11} c_{t} \phi_{11}}{B_{\omega} \Delta t} \left(P_{11}^{n+1} - P_{11}^{n} \right) - Q_{11}$$

$$-T P_{8}^{n+1} - T P_{10}^{n+1} + \left(3T + \frac{V_{11} c_{t} \phi_{11}}{B_{\omega} \Delta t} \right) P_{11}^{n+1} - T P_{12}^{n+1} = \frac{V_{11} c_{t} \phi_{11}}{B_{\omega} \Delta t} P_{11}^{n} + Q_{11}$$