	ASSIGNMENT: 2
	MAN
(30-)	1- Dimension on - Steady State Conduction
	$\frac{\partial f}{\partial t} = \frac{\partial f}{\partial x} \left( \frac{1}{1} \frac{\partial f}{\partial x} \right)$
	Assuming F=K as constant,
6	25 25 25 35 56 35
	$\frac{\Delta T}{\Delta t} = K \left[ T(x+h) - 2T(x) + T(x-h) \right] - \frac{8}{12}$
	In- M, we have descritize the dt
	reset Taylor's exprension for sorond order.
•	$T(x+h) = T(x) + h \partial t + h^2 \cdot \partial^2 t + \dots$
	TG(-h) = T(x) - hdT + h d d d d d d d d d d d d d d d d d d
	$T(x+h) + T(x-h) = 2T(x+h^2)T$
	$\frac{T(x)-T(x)}{D+\frac{1}{2}} = \frac{1}{2} \left(\frac{x+h}{x+h} - \frac{1}{2}T(x) + T(x)}{D+\frac{1}{2}}\right)$
vision	

$$\frac{1}{2} - \frac{1}{2} = \frac{1}{2} + \frac{1}{2} \left[ \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) + \frac{1}{2} \left( \frac{1}{2} \right) \right] + \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) + \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) + \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} +$$

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+ -16 . 24 + 6 x 4(p) F - (d12)