



First derivat	tive				
		$\left(\frac{\partial u}{\partial x}\right)_j + \frac{1}{\Delta x}$	$(au_{j-r} + bu_{j-1})$	$+ cu_{j}) = ?$	
	$u_j$	$\left(\frac{\partial u}{\partial x}\right)_j \Delta x$	$\left(\frac{\partial^{T} u}{\partial x^{T}}\right)_{j} \Delta x^{T}$	$\left(\frac{\partial^{\mathbf{r}} u}{\partial x^{\mathbf{r}}}\right)_{j} \Delta x^{\mathbf{r}}$	$\left(\frac{\partial^{\dagger} u}{\partial x^{\dagger}}\right)_{j} \Delta x^{\dagger}$
$\Delta x \cdot \left(\frac{\partial u}{\partial x}\right)_j$	۰	١	0	0	0
$a \cdot u_{j-1}$	а	$a \cdot (-\mathbf{r}) \cdot \frac{\mathbf{i}}{\mathbf{i}}$	$a \cdot (-\mathbf{r})^{\mathbf{r}} \cdot \frac{1}{\mathbf{r}}$	$a \cdot (-r)^r \cdot \frac{1}{9}$	$a \cdot (-\tau)^{r} \cdot \frac{1}{\tau}$
$b \cdot u_{j-1}$	b	$b \cdot (-1) \cdot \frac{1}{1}$	$b \cdot (-1)^r \cdot \frac{1}{r}$	$\frac{a \cdot (-\mathbf{r})^{\mathbf{r}} \cdot \frac{1}{\mathbf{p}}}{b \cdot (-1)^{\mathbf{r}} \cdot \frac{1}{\mathbf{p}}}$	$b \cdot (-1)^{\#} \cdot \frac{1}{7}$
$c \cdot u_j$	с	0	0	0	0

	$\left(\frac{\partial^{T} u}{\partial x^{T}}\right)_{j} + \frac{\lambda}{\Delta x^{T}} (au_{j-1} + bu_{j} + cu_{j+1}) = ?$					
	u <sub>j</sub>	$\left(\frac{\partial u}{\partial x}\right)_{j}\Delta x$	$\left(\frac{\partial^{Y} u}{\partial x^{Y}}\right)_{j} \Delta x^{Y}$	$\left(\frac{\partial^{\tau} u}{\partial x^{\tau}}\right)_{j} \Delta x^{\tau}$	$\left(\frac{\partial^{\mathbf{f}} u}{\partial x^{\mathbf{f}}}\right)_{j} \Delta x^{\mathbf{f}}$	
$\left(\frac{\partial^{T} u}{\partial x^{T}}\right)_{j} \Delta x^{T}$	۰	0	Ň	0	0	
$a \cdot u_{j-1}$	а	$a \cdot (-1) \cdot \frac{1}{1}$	$a \cdot (-1)^{r} \cdot \frac{1}{r}$	$a \cdot (-1)^{r} \cdot \frac{1}{p}$	$a \cdot (-1)^{\mathfrak{r}} \cdot \frac{1}{\mathfrak{r}\mathfrak{r}}$	
$b \cdot u_j$	b	0	0	0	0	
$c \cdot u_{j+1}$	с	$c \cdot (1) \cdot \frac{1}{1}$	$c \cdot (1)^{\intercal} \cdot \frac{1}{\intercal}$	$c \cdot (1)^{r} \cdot \frac{1}{p}$	$c \cdot (1)^{\dagger} \cdot \frac{1}{\tau \tau}$	
1 1   -1 0   1 0	۱ ۱ ۱	$\begin{bmatrix} a \\ b \\ c \end{bmatrix} = \begin{bmatrix} \\ \end{bmatrix}$	。 。 	$\rightarrow [a, b, c]$	= -[1, -7, 1	
[ ' °	1		−۲ 」 is not zero, ir			

























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