$$\frac{3U}{3t} = \frac{1}{2} \frac{3^2U}{3x^2}$$
 - γρ-ие Tenuconpolognocru

Cxeuca Kpanka. - Huxaucona:

 $\frac{U_{m-1}^{n+1} - U_{m}^{n}}{T} = \frac{1}{2} \left( \frac{U_{m-1}^{n} - 2U_{m}^{n} + U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n+1} - 2U_{m}^{n+1} + U_{m-1}^{n+1}}{h^2} \right)$ 
 $\frac{U_{m}^{n+1} \left( 1 + \frac{T}{h^2} \right)}{2} = \frac{U_{m}^{n} \left( 1 - \frac{DT}{h^2} \right)}{h^2} + \frac{DT}{2h^2} \left( \frac{U_{m-1}^{n} + U_{m-1}^{n+1} + U_{m-1}^{n+1}}{h^2} + \frac{U_{m-1}^{n+1}}{h^2} + \frac{U_{m-1}^{n+1} + U_{m-1}^{n+1}}{h^2} + \frac{U_{m-1}^{n} + U_{m-1}^{n+1}}{h^2} + \frac{U_{m-1}^{n} + U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n} + U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n} + U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{U_{m-1}^{n}}{h^2} + \frac{$ 

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$$\frac{y^{n+1} - y^{n}}{t} = y^{n} + y^{n+1} +$$

Ecum 
$$\frac{A}{4} = \left(1 + \frac{2\tau}{h^2} - \frac{2\tau}{h^2} \cos kh\right)^2$$
 $\frac{4\tau^2}{h^n} \cos^2 kh + 1 + \frac{2\tau}{h^2} \le 1 + \frac{4\tau}{h^2} + \frac{4\tau^2}{h^n} + \frac{4\tau^2}{h^n} \cos^2 kh - \frac{2\tau}{h^n} \cos kh - \frac{4\tau^2}{h^n} \cos kh$ 
 $\frac{2\tau}{h^2} + \frac{4\tau}{h^n} - \frac{2\tau}{h^2} \cos kh - \frac{4\tau^2}{h^n} \cos kh > 0$ 
 $\frac{2\tau}{h^2} + \frac{3\tau}{h^n} - \frac{2\tau}{h^n} \cos kh - \frac{4\tau^2}{h^n} \cos kh > 0$ 
 $\frac{2\tau}{h^2} + \frac{3\tau}{h^n} - \frac{2\tau}{h^n} \cos kh + \frac{4\tau^2}{h^n} \cos kh > 0$ 
 $\frac{2\tau}{h^2} + \frac{2\tau}{h^n} \cos kh + \frac{4\tau^2}{h^n} \cos kh > 0$ 
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 $\frac{2\tau}{h^n} \cos kh + \frac{4\tau^2}{h^n}$ 

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$$\frac{1}{12} \frac{y^{n+1} - y^{n}_{n+1}}{z} + \frac{5}{6} \frac{y^{n+1} - y^{n}_{n+1}}{z} + \frac{1}{12} \frac{y^{n+1} - y^{n}_{n+1}}{z} = \frac{1}{2} \frac{y^{n+1} - y^{n}_{n+1}}{z} + \frac{1}{2} \frac{y^{n+1} - y^{n}_{n+1}}{z} + \frac{1}{2} \frac{y^{n+1} - y^{n}_{n+1}}{z} + \frac{1}{2} \frac{y^{n+1} - y^{n}_{n+1}}{z} = \frac{1}{2} \frac{y^{n} - y^{n}_{n+1} + y^{n}_{n+1}}{z^{n}_{n+1}} + \frac{1}{2} \frac{y^{n}_{n+1} - y^{n}_{n+1}}{z^{n}_{n+1}} + \frac{1}{2} \frac{y^{n}_{n+1} - y^{n}_{n+1}}{z^{n}_{n+1}} + \frac{1}{2} \frac{y^{n}_{n+1} - y^{n}_{n+1}}{z^{n}_{n+1}} = \frac{1}{2} \frac{y^{n}_{n+1} - y^{n}_{n+1}}{z^{n}_{n+1}} + \frac{1}{2} \frac{y^{n}_{n+1} - y^{n}_$$

$$\begin{cases} \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) u^{\frac{1}{2}} - \left(1 + \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 + \frac{\pi}{2} \Lambda_{xx}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 + \frac{\pi}{2} \Lambda_{xx}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 + \frac{\pi}{2} \Lambda_{xx}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 + \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 + \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 + \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 + \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) \left(1 + \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{xx}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \left(1 - \frac{\pi}{2} \Lambda_{55}\right) u^{\frac{1}{2}} - \frac{\pi}{2} \\ \left(1 - \frac{\pi}{2} \Lambda_{55}\right)$$

σδικαυσινικο 
$$\Lambda_{2}^{6} = \frac{1 - G_{1}G_{2}}{1 + G_{2}G_{2}}$$
 $\Lambda_{1}^{6} \Lambda_{2}^{6} = \frac{1 - G_{2}G_{2}}{1 + G_{2}G_{2}}$ 
 $\Lambda_{1}^{6} \Lambda_{2}^{6} = \frac{1 - G_{2}G_{2}}{1 + G_{2}G_{2}}$ 
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 $\Lambda_{3}^{6} = \frac{1 - G_{2}G_{2}}{1 + G_{2}G_{2}}$ 
 $\Lambda_{4}^{6} = \frac{1 - G_$ 

$$\frac{\lambda_{1}-1}{C} = \frac{1}{2} \left( -\frac{H}{h_{1}^{2}} \sin^{2} \frac{k h_{1}}{2} \right) \frac{\lambda_{1}}{2} - \frac{H}{h_{2}^{2}} \sin^{2} \frac{m h_{3}}{2} \right)$$

$$\frac{\lambda_{1}^{1/2}}{\lambda_{1}} = \frac{1 - \frac{G_{3}6}{2}}{1 + \frac{G_{3}9}{2}} - \frac{1}{2} \frac{2}{1 + \frac{G_{3}9}{2}} - \frac{1 - \frac{G_{3}6}{2}}{1 + \frac{G_{3}9}{2}} - \frac{1}{1 + \frac{G_{3$$