$C(T)\frac{\partial T}{\partial t} = \frac{\partial}{\partial x}\left(\lambda(T)\frac{\partial I}{\partial x}\right) - \frac{2}{R}d(2)T + k(T)F_{\delta}(t)e^{-k(T(2))x} + \frac{2F_{\delta}}{R}d(2)$ 220, + \(\(\tau(0)\) \(\frac{2T}{2x}\) 2 do (\(\tau(0)\) -To) 229 - > (T(e)) 8T = 2N (T(L)-To).  $\frac{\partial T}{\partial t} = \frac{\partial n - \partial n}{\tau} + \frac{\partial n - \partial n}{\tau} + \frac{\partial (T_{m+1}) - C(T_m)}{\tau}$   $\frac{\partial T}{\partial t} = \frac{\partial n - \partial n}{\tau} + \frac{\partial n - \partial n}{\tau} + \frac{\partial (T_{m+1}) - C(T_m)}{\tau}$   $\frac{\partial T}{\partial t} = \frac{\partial n - \partial n}{\tau} + \frac{\partial n - \partial n}{\tau} +$  $\frac{\partial T}{\partial t} = \frac{y_{n-1}^{m+1} - y_{n}^{m}}{\tau} = \frac{\hat{y}_{n} - y_{n}}{\tau}$  $\int_{0}^{\infty} dx \int_{0}^{\infty} C(T) \frac{\partial \Gamma}{\partial t} dt = \int_{0}^{\infty} \hat{C}(\hat{\mathbf{q}} - \Gamma) dx = \hat{C}_{n}(\hat{y}_{n} - y_{n}) h$  $\int_{0}^{\infty} dt \int_{0}^{\infty} \left( \frac{\partial}{\partial x} \left( \lambda \tau \right) \frac{\partial \Gamma}{\partial z} \right)_{3}^{3} - \frac{2}{R} J(\alpha) \Gamma + k(\Gamma) F_{0}(t) e^{-k(\Gamma)} \frac{\partial \Gamma}{\partial z} \frac{\partial \Gamma}{\partial z} J(\alpha) d\alpha$ 2 \F = - \(\Dar\) \(\frac{2\Gamma}{2\alpha}\) \(\z-\int\) \(\frac{2\Gamma}{2\Gamma}\) \(\z-\int\) \(\frac{2\Gamma}{2\Gamma}\) \(\z-\int\) \(\frac{2\Gamma}{2\Gamma}\) \(\z-\int\) \(\frac{2\Gamma}{2\Gamma}\) \(\z-\int\) \(\frac{2\Gamma}{2\Gamma}\) \(\z-\int\) \(\z-\int\) \(\frac{2\Gamma}{2\Gamma}\) \(\z-\int\) + || k(T) Fo (+) e (T(x)) x dx + || = 10 d(x) dx = 2- [(Fn+1-Fn-1) dt - f2 dn Tnhdt + [k/n/o/4)e \* 20 du Tuhat =

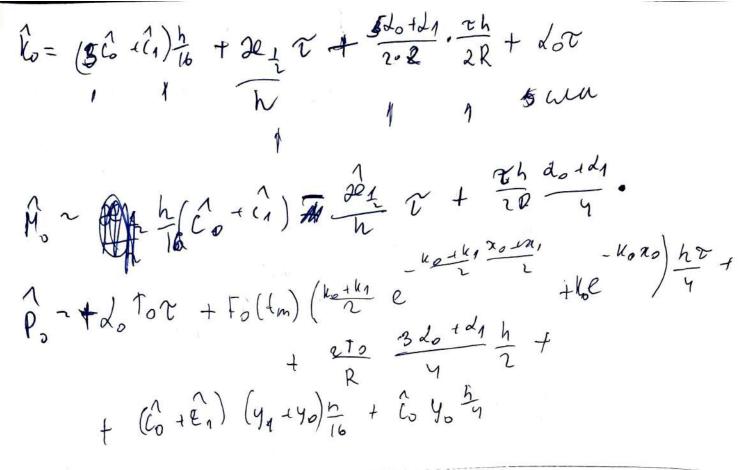
$$= -\left(\widehat{F}_{n+\frac{1}{2}} - \widehat{F}_{n-\frac{1}{2}}\right) \circ \mathcal{T} - \frac{2}{8} d_n T_n h_{\mathcal{T}} + MMMMM$$

$$= \frac{2}{8} d_n T_n h_{\mathcal{T}} + \frac{2}{8} d_n$$

Uroro:  $(\hat{y}_n - \hat{y}_n) h \approx \hat{z} \hat{z}_{n-1} \hat{y}_{n-1} \hat{y}_{n-1} - \hat{z}_{n+1} \hat{y}_{n-1} \hat{$ - 2 dn Int + h(yn) Fo(th) e + 2 to 2 dn yn h 2 Preobraggen & lugy: În ŷn - - Brýn + Brýn - - Gn  $\hat{\mathbf{I}}_{n} \sim \gamma \frac{\hat{\mathbf{z}}_{n-1}}{\lambda} \qquad \hat{\mathbf{p}}_{n} \sim \gamma \frac{\hat{\mathbf{z}}_{n+1}}{\lambda}$ Gn=MK(yn) Fo(tn) e 12 + 2To Anynhe Vpaebne ynobue delaw vas verog paneipis. Sanc that It 2 Sc(Î-T) donc 2 c2 (Î-1-T2) + co(Î-T0) + K 1 Fo (Im) e - K(T2) 21 + Ko Fo (Im) e - 1 7 + + 2 To 2 1 + do h 2 yoty.

To ancion

why: Tiny The Fire 2 1 100 191 y1 = 90+41 Fo=FzF(tm+1) transitions FN=dogn-doTo n bugy. -Fo= do (10)-To)-Ro Jo + May = Po Fordays tdoTo Prolate Malan MM ( C1 ( 4140 - 4140) + (0 (40 - 40)) = 4 = 2 (co+ch, 1 (4,+90-41-40) + co(40-40))-42 ~ ((&+(4))(9,+90-41-40)+4(6,(90-40))+6~ ~ ((co-ca)y, +(co-ca)y, - (co-ca)y, - (co-ca)yo+ +46, 40 -46, 40) 1/2 = ~ ((10+Ca) 4 + (2 Co+Ca) 40 - (Co+Ca) 40 - (Co+Ca) 40) 10 Lebast Andal The Today of The Today + Folin ( ko + k1 e - ko + k) 4 + koe - 40 + koe - 40 + koe + 2 To dotal + do h



Conservation ( )

And are andres more.