Agrapatin 13 TY

ECUACION EVIER-BERNOULI

$$\frac{\partial f}{\partial x} + p \frac{\partial f}{\partial t^2} = F_{(x)}$$

Podemos aproxima Amers

$$\frac{\partial f^2}{\partial t^2} = \frac{f(x,t+1) - 2f(x,t) + f(x,t-1)}{\partial t^2}$$

Por otas pos $\frac{4f}{3x^4} = \frac{f_{x+2} - 4f}{3x^4} + 6f_x - 4f_{x-1} + f_{x-2}$

La Ecunción préda $\frac{f_{x+2} - 4f_{x+1} + 6f_{x} - 4f_{x-1} + f_{x-2}}{dx^{4}}$ $+\beta \frac{f(x,t+1)-2f(x,t)+f(x,t-1)}{dt^2} = F(x)$ Despersión fatt)

$$+\frac{f(x,t+1)-2f(x,t)+f(x,t-1)}{dt^2}$$

 $-\frac{d}{b} \frac{f_{x+2} - 4f_{x+1} + 6f_{x} - 4f_{x-1} + f_{x-2}}{dx^{4}} + \frac{1}{b} F_{(x)}$

$$f(x,t+1) = 2f(x,t) - f(x,t-1) +$$

$$\int_{\mathcal{A}} \frac{f_{x+2} - 4f_{x+1} + 6f_{x} - 4f_{x-1} + f_{x-2}}{dx^{4}} + \int_{\mathcal{A}} \frac{1}{h} \int_{(x)} \frac{1}{h} dx$$