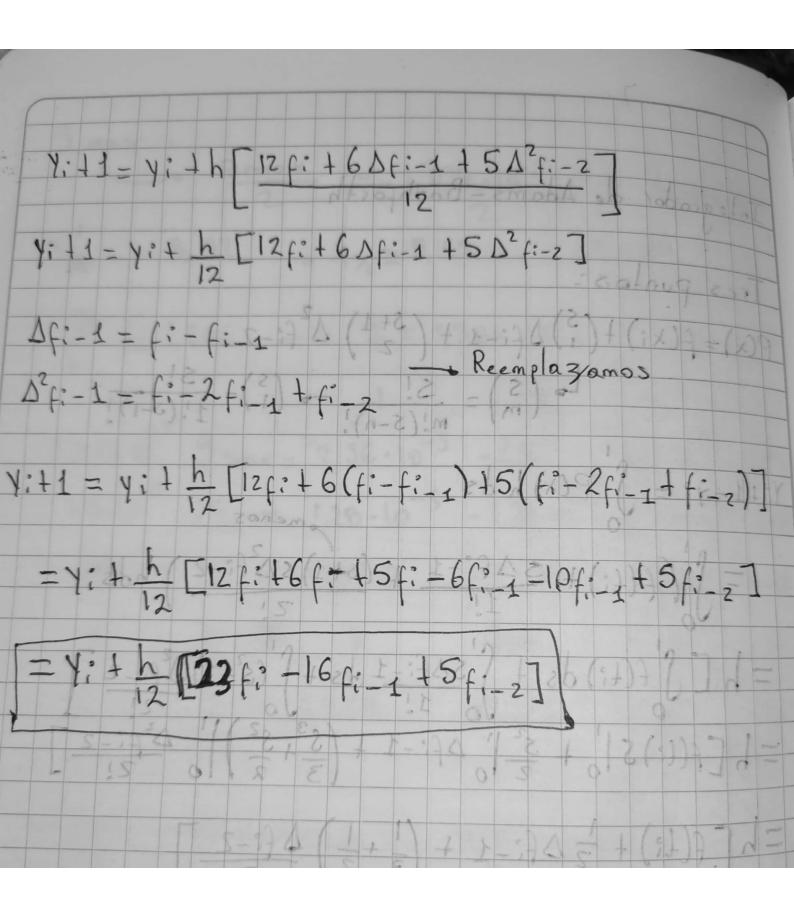
Integrador de Adams-Boshforth Tres puntos: P(x)=f(xi)+(5) Dfi-1+(5+1) Dfi-2  $\binom{S}{m} = \frac{S!}{m!(S-n)!} = \frac{S!}{1!(S-1)!}$ Y: +1-7: = SP(x) hds  $= \int_{0}^{\infty} (f(t;) + 5\Delta f; -1 + (s+1) S\Delta f; -2) hds$ =  $h \left[ \int f(t;) ds + \int S\Delta f; -1 ds + \int (s^2 + 5) \Delta^2 f; -2 \right]$  $- h \left[ f(1) \left[ \left( \frac{1}{3} \right) \right] \left[ \frac{1}{3} \left[ \frac{3^2}{2} \right] \right] + \left[ \frac{3^3}{3} \left[ \frac{5^2}{2} \right] \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] \right] + \left[ \frac{3^2}{3} \left[ \frac{3^2}{2} \right] + \left[ \frac{3^2}{3} \left[ \frac{$ =h[f(li)+ = Dfi-1+(1+1) Dfi-2] 1:+1-1: = h [f:+ 1 Df:-1 + 5 De:-2] 1:+1= y:+h[f:+20f:-1+502f:-2] el minimo común multiplo entre 2 y 12 es 12, así que la multiplicamos en cada termino



Cuatro puntos; P(x)= f(x:) + (s) Af:-1+ (s+1) Af:-2+ (s+2) A3f:-3 Lo(s) - S! (s) = 3! Ying-Ying Pax has = \( \( \frac{1}{1} \) \( \frac{1} \) \( \fra = h[ f(ti)ds + (s)f:-1 ds + ((s²-s))b²f:-2 ds  $+\int_{3}^{1} (5^{3}+35^{2}+25) D_{f;-3}^{3} ds$  $=h[f(t^2)s] + s^2 | b[2] + (s^3 + s^2)|^2 | b[2] + (s^4 + 3s^3 + 2s^6)|^2$ = h[f((i)) + \frac{1}{2} Dfi-1 + \left(\frac{1}{3} + \frac{1}{2}\right) Dfi-2 + \frac{1}{6} \left(\frac{1}{4} + 1 + 1\right) Bfi-3 Y:+1= Y: + h [f: + 1 Df: -1 + 5 D2 f:-2 + 3 D3 f:-3] El minimo comun multiplo entre 2, 12 y 8 es 24, así que multiplicamos en cada termino

