expanding en Taylor

 $\frac{y(x) = y(x_0) + (x - x_0) y'(x_0) + (x - x_0)^2 y'''(x_0)}{+ (x - x_0)^3 y'''(x_0) + (x - x_0)^4 y''''(x_0) + (x - x_0)^3 y''''(x_0)}{4!} + \frac{(x - x_0)^3 y''''(x_0)}{4!} + \frac{(x - x_0)^3 y''''(x_0)}{5!}$

4(x)= 4(x0) + p d, (x0) + p d, (x0) + p d, (x0)
+ p d d, (x0) + p d, (x0) + p d, (x0)
+ p d d, (x0) + p d, (x0) + p d, (x0)

discretiganh et ospercio, h= xmm - xm

9n+1 + 4n-1: 74n + h24" + 129 4"

4n = - gn yn + Sn 1 " g (- g / + sn) 1/2 = - ga+1 4a4 + 5a+1 + 2ga4a - 25a - ga-1 4a-1 + 5asustituinas. More - 24 + 4n-1 = h 2 (- 9n 4 + 5n) + f 2 (- gas 4n + 5ns + 2gn 4n - 3n - 9n-1 4n-1 + 5n-1) reorganizando You (1 + h gan) - 240 (1 - 5h ga) + 40- (1+ p 3 9 -) h (son +101 +sn-1)