

subjectul II Alegeti 3 muncte din umatorul tabel po garoto promond de interpolare prin me toda lagrange X -2 -1 0 1 2 fx 7 7 3 1 1 3 Punchele (0,1); (1,1); (2,3) L(x)= 1. x-1 , x-2 + 1. x-0 . x-2 + 3. X-0 . X-1 2 $=\frac{X-1}{-1} - \frac{X-2}{-2} + X \cdot \frac{X-2}{-1} + 3 \cdot \frac{X}{2} \cdot \frac{X-1}{1} =$ $=(x-1)(x-1) - x(x-2) + \frac{3x(x-1)}{2} =$ $= \times^{2} - 3 \times + 2 - 2 \times^{2} + 4 \times + 3 \times^{2} - 3 \times$ = $2x^2 - 2x + 2 = p(x^2 - x + 1) = x^2 - x + 1$

Sub. III Colombato integrala I Su GRESS

prom 3 netock (met. dept., Ju GRESS)

anet. trapes so met. Sompson)

utolosond un pas h = 0,5.

Alegeto a don umatornel

voloro a & {-2,-1,0,13 9-0 $7 = \int_{0}^{2} (3x^{2} - x) dx = \left(\frac{3x^{3}}{3} - \frac{x^{2}}{2}\right) / 2 =$ $\left(x^{3}-\frac{x^{2}}{2}\right)/2=8-2=6$. $h=\frac{1}{2}$ I dreptunghi = 5 (3×2-x) dx + 51 (x=x)dv. = f(0) + f(1/2) = Mot trapesului

I = 50 (3x2-x) dx =