Recapi. Formule Newton-(otes: m+1 moduri echidistante: h=b=0 $S(X)dX \cong \sum_{i=0}^{\infty} C_i S(X_i)$. $X_i = O_i + i \cdot h$ i=0, nSommula este eractor pt S= Set poli de grad ≤n.

Cuadraturi de tip Bours $\int w(x) \cdot g(x) dx = \int ci \cdot g(x_i)$ monurile di si conficienti Ci Trebuie alesi optimal. ex: Gradratura de tip Saus-legendre pt 2 moduri S(X) dx = Cr. S(X1) + Cr. S(X1) Pp. ca Somula ete exacta pt = 1/2/2/2/3 Dc &(x)=1=> 5 dx - G-1+G-1=> (2=C,+C)

Pp. (1=(2=)(1=C2=)

(1= As ador $\int S(x) dx = S(\frac{1}{\sqrt{3}}) + S(-\frac{1}{\sqrt{3}})$ Acosta et exacta nt nol de grad <3