Newton - Cutes Methods Integration approximation methods based on unform step size (mispoint, trapezono, etci) form a family called methous. Two types based on whin approximating for f(x) dx h/ h= b-a Open Newton-Cutes Methous: o_{X_1} : $X_1 = \omega_1 =$: X = W = $N = X_{\lambda} = W_{\lambda} =$ Xzc W3 = e= <u>F</u> = Closed Menton - Cutes Methods. (2) : X1= 6,2 exi) χ⁹ = $\chi_1 = \omega_1 =$ X+= د ړ۵

Xz=

Wzz