Tuaba 7 Imp = h = 1 (1(xi) + 1(xixi)) E= 12 max 18" (8) 1 h2 (8-a) 2) P- La CUMNCOHA Ic = h 5 ((xi) + 4 l(xi+1) + l(xi+1)) E = 1 max 144(E/h2 (6-a) 17-20 Pyrre $I - I\left(\frac{h}{2}\right) = I\left(\frac{h}{2}\right) - I\left(\frac{h}{2}\right)$ I = \frac{4}{3} I(\frac{h}{2}) - \frac{1}{5} I(h) = \frac{1}{3} (4\frac{1}{5} \frac{1}{2}(\chi) + \text{P(\chi)} + \frac{h}{2} + \frac{h}{2} + \frac{1}{2} + \frac{1}{2} \fr + 45 + (xi+1) + 1 (xi+1) h = 1 + (xi+1) h) = = h x (f(xi) + 4 f(x; +1) + f(x; +1) Manager Boyor go 4 co 2 => 1 = 2

N 8.6 $P(x) = ax^{2} + bx - c = unique conjue to a onjeque [nh, (n+1)h]$ a + nh = l $\int (ax^{2} + bx + c)dy = \int ah(l^{2} + lr + r^{2}) + \int bh(l+r) + ch = l$ $l^{2}(n+1)h = r$ a+(n+1)h=r = h ((al2+bl+c) + (ar2+br+c) + al2+2ar6 + ar2+266+26r+uc) = = h (P(U+P(r)+4(a (C+1)2 +6 (C+1)2 +c)) = h (P(r)+4P(2)+P(1)) $I = \sum_{i=0}^{N} \frac{d_{3}}{6} (p(x) + 4p(xi+1) + p(xi+1)) + p(xi+1) + p(xi+1)$ $I = \int_{i=0}^{N} \sin(x^{2}) dx = \frac{1}{2} \int_{i=0}^{N} \sin(x^{2}) dx$ $J \times n = 2$ $= y = \sum_{i=1}^{2} c_{i} + (x_{i}) = \frac{1}{3} \cdot l \cdot sin(\frac{\sqrt{3}}{3})^{2} + 1 \cdot sin(-\frac{\sqrt{3}}{3})^{2} - 2 \cdot 0,327$ I = 0,327Organis Torpewisems $\Delta = \frac{(6-a)^{2n+1}(n!)^{4}}{(2n+1)(2n)!} \frac{(n!)^{4}}{(2n+1)(2n)!} = \frac{2.16}{5.273} \sum_{i=1}^{n} \frac{2}{15} e^{4} = 0.036$ Onlen: I = 0, 327; D = 0,036

N 8.19 I = 5 Ji-x dx & 60 = 10-3 1) t= 51-x , x=1-t2, dx=-2+d+ I=25 ln(1-6) d+ -25 ln(1+6)d+ E(I2) = 20 2) & I,= - Str (1-t) d(1-t) = -1 3) E(Iz) = = bygen crumas no cp-re spaneigus 1 max (1++1)2 h2 = E0 h = 56 % = 0,08 N=[0,08]=13 In= 2 (I,+I2) = -1,228 Ombem: -1,228

