$$T = \int_{X_0}^{X_0} y \, dx \approx \frac{3h}{10} \left[y_0 + 5y_1 + y_2 + 6y_3 + y_4 + 5y_5 + y_6 \right]$$

$$\int_{X_0}^{X_0} \frac{d^3}{e^4 - 1} \, dt = \Phi(x)$$

$$\Phi(5) = \frac{1}{10} C_0 = \frac{1}{10} C_0 = \frac{1}{10} \int_{X_0}^{X_0} \frac{1}{10} \int_{$$

$$\int_{0}^{x_{n}} \int_{0}^{x_{n}} \int_{0}^{x_{n}}$$

Boule you. Boole Yorkmi S for dx ~ 2h [7(fotfn)+32(fitfstft ---) Xo +12 (82+86+810+---) +14 (f4+f8+f12+---)] [fexida = 2h [76+328,+1282+328,+784] En = - 8 h7 8 (6) (c), Xo < e < x4 Tich Yellesin gotha ve hatey vernil GOTOM; as1, b=2, n=8, h= (b-a)/n= ===== Sounda = 2h [7 (2+fg)+32(91+93+95+94) +12 (42+46) + 1444] = 0,6931 Book your The boluner. hada = abs (0.6931- la(2)) 5 da - ln(x) = ln(2) - ln(i) = ln(2) = 0

Boole yorkers (2) ornela: 01. 0.2 0.3 0.4 Tabloya gare Bable youten see 5 800 = ? S&(x)dx= 8(x)dx= 2h[7(80+8,1+32(84+83)+12-82] = 2.(10) [7(1+0.8684) + 32 (0.9975+0.9976) +(2.(0.99)]=0.39158 Boole yartemyle yapılar soran 0.39158 bulunur. ornelis dex) = 1+ ex sin(ha) fontsigonon [0,1]
analogenda Boole yantemyle n=4 aleral sonsa 40 rom n=4, a=0, b=1= h= 1-0-0.25 0 .1.6553 0.25 1.5515 1,0662 0.75 0.72159 5 8 (x) 2x = 2(4) [7(f(0)+f(1))+32(f(0.25)+f(0.75)) 45 +12 f(0.5)] =130859 L bolonur

boole-hada = ass (gercel- Bobles) Eder: 11 for= VX Sark. [1,6] ozlánda n=8 icin Boole yantmyte 4-2p Solon. 2) S'en(en(x+3))da son Boole youterryte 3) $\int_0^4 e^{\alpha} d\alpha$ mathab prog. Samuel 5) $\int_0^4 x^3 \sin \alpha dx = 0.17709$ 4) Sin(Vx) dx

a= 0;

b= 1;

n=41

end

Sex) dx = 2h [7fo+3f1+12f2+32f3+7f4]

$$\begin{array}{l} \chi_{0} \rightarrow \\ \chi_{1} = \chi_{0} + h \\ \chi_{2} = \chi_{1} + h = \chi_{0} + h + h = \chi_{0} + 2h \\ \chi_{3} = \chi_{2} + h = \chi_{0} + 2h + h = \chi_{0} + 3h \\ \chi_{4} = \chi_{3} + h = \chi_{0} + 3h + h = \chi_{0} + 4h \\ \chi_{4} = \chi_{3} + h = \chi_{0} + 3h + h = \chi_{0} + 4h \\ \chi_{5} = -\frac{8}{945} h^{7} f^{(6)}(c) , \quad \chi_{0} < c < \chi_{4} < c < \chi_{4}$$