problem 3

$$4t^3 - 3t + \sin(t)$$

A(t) = 4t3-3t + Sin (+) +(+)= 2 (n hu(t) (" ho (+) detale () 463-36+8in(+) de= -0.04050 Soh, (+) fet) de = (= 1 + +8 - 3+ + 5in(+) de +) - 4+8+ 3+ - 5in(+) de = -0.19008 - 0.14978 =0. 33956 [hs.(+) fet) c/t = (14 fet) de + (2 fet) de = -0.05876 + 10.13133 So hack) from the = Sy for the + Sy -fronte = - 00679+ + (- 0.21873) John January J $h + \int_{\frac{\pi}{2}}^{\frac{3}{8}} + \int_{\frac{\pi}{2}}^{\frac{4}{8}} = -0.06291 + 0.06841$ $h_6 \qquad \int_{\frac{\pi}{2}}^{\frac{7}{8}} + \int_{\frac{\pi}{2}}^{\frac{7}{8}} = -0.06291 + 0.06841$ 38 + 51 = 0.0558 + C-0.1629 FT. CN = -0.04030 -0.33986 0.07257 -0.28768 0.027979 0.0055 - 0.03911

clear