Final

Einal

Chen 3453

Pase 1

Accom = #Xn - Out + Den -> Den = Out

Tin - Tour

Rest - Tin - Tour

Final

21 - 38

Final

Chen 3453

Pase 1

Tin - Tour

Final

Tin - Tour

Final

Chen 3453

Pase 1

Tin - Tour

Final

Tin - Tour

Final

Chen 3453

Pase 1

Tin - Tour

Final

Final

Tin - Tour

Final

Fin Final

Final

Final

Final

Final

Final

Final

Final

Final

 $\frac{Fhal}{Fhal}$ $\frac{1}{2}\frac{d}{dt}\left(t\frac{dt}{dt}\right)=0 \rightarrow \frac{d}{dt}\left(t\frac{dt}{dt}\right)=0$ $\frac{d}{dt}\left(t\frac{dt}{dt}\right)=0 \rightarrow \frac{d}{dt}\left(t\frac{dt}{dt}\right)=0$ $\frac{d}{dt}\left(t\frac{dt}{dt}\right)=$

b.) T(2)=72= -450.0.1 . l. (0.15) + 90 + 450.0.1 . l. (0.1)

T2257.4°C

Final Page 3 3/0/ E1551 A, F, 2 = A 2 F 2, -> F 2, - A, $A_1 = 6.12 - .12$ $\frac{A_1}{A_2} = \frac{0.0144}{0.1296} = 0.111 = F_{21}$ Az=6.36.36 q - 0 (T,4 - T24) 1-6, + 1 + 1-62 6,A, + A,F,2 + 62A2 $\frac{0.94'}{1-6'6} + \frac{4'}{1} + \frac{0.8245}{1-0.82}$ $\frac{0.94'}{1-6'6} + \frac{4'}{1} + \frac{0.8245}{1-0.82}$ $\frac{0.94'}{1-6'6} + \frac{1}{1} + \frac{0.8245}{1-0.82}$

Josh Whitehead Final Ch En 3453 Page \$ 4 4/a 3 Rea = = 1.18 -1.5 - 0.5 = 48077 Nu = 0.332 Re 1/2 Pr 1/3 - 64.86 - 1/2 i.h - 64.86 = 0.0262 - 3.399 - 3.8 のこん科(T5-Tair)=3.300 (150-25) 1-42男 ニュ b) Reb = 18-1.5. 4 = 384785.6 > 5×105 = Turbulent Nu - (0.037 Re" - A) Pr" 1 A - 0.03 TERE 415 - 0.664 Re" A: 675.5 - Nu - 366.9 - LL h = 366.9 k = 2.403 m3k 9" = h (Ts-tax) = 300 m The values are different because @ 0.5 m the flow is laminar and @ 4 m it is turbulent. The turburbance sings

4 per Etvid

Final of mala (Tao-ta:) = mb (b (Tbo-Tbi) = WALMTD Tao = Ta; + mb(b (Tbo-Tbi) parge 1 PO = 512 +80 = 1 AJ. 2 . C Tao = 80 + 3.2976 (-147.5 + 215) = 178.5°(b.) 9= ma(DT a = 4.1530.(178.5-80) 603. KW