| 9.1) | | | | | |
|------|---|-----------|---------|------------------------|---------|
| | | | | | |
| - | 111111 | | | | |
| 1 | HW#7 | | | | |
| 9.1) | L=75e-30 To=2008 pen , max a from 1.1 find ind max heat flex | | | | |
| 3 | G= Z.5W/m·k To= 100° for i) free work in gas ii) tree conver in lequials | | | | |
| | The sound conver in good formed conver in light | | | | |
| | To Nonex u/ place charge | | | | |
| | a' | | | | |
| - | use themal resistance of the Tone | | | | |
| • | | a | 6 | a. | |
| • | $\frac{1}{a} = \frac{T_{or} - T_{or}}{\frac{1}{a} + \frac{1}{a} + \frac{1}{a}}$ | | hmax | 8 min | B" max |
| • | | | 25 | 97.09 | 909.09 |
| • | <i>u</i>) | | ,000 | 1428.57 | 3125 |
| • | 44 | | 250 | 909.09 | 2631.58 |
| • | | | 3000 | 2000 | 3322.26 |
| 10 | 2) 2, | 500 10 | 0,000 | 3296.75 | 3331.11 |
| 92 | N=.5=15 AT=10°C | | | 01 /0 - | |
| 7.5) | | | | | |
| -0 | ? Lisa over 10'sTos 90°C | | | | |
| 3 | 7 K-L-7 283.15K5Tg 5363.15 | | | | |
| | B= He air | | | | |
| 3 | De 118 air asserne fleier és air @ 1 stre | | | | |
| | 1=/ | | | | |
| | 250 11.44 Gr= 9 ATTE Contempolation | | | | |
| | 250 11.44 Gr= 9 ATLE Contempolation 300 15.89 T2-T1 V1-V1 | | | | |
| | | | | | |
| | 350 $Z_0.9Z$ $R_0 = VL_c$ $V_0 = T_0-T_1$ V_2-Y_1 + V_1 400 $Z_0.41$ $V_0 = T_2-T_1$ | | | | |
| | | one in py | | | |
| | | | Village | Marie San Care Control | |

((1111) HW#7 9.4) Li=0.015m 1 AT=10°C find Ra Cor. V= 1 , x= k Ra= GrPr= gβδΤ Lic. Y = gσT Lic. β need β, γ, x box sach fluid

γ2 α γχ gσΤLic = (9.81)(10) (0.015)3 = 3.3164 0 6 air (1 otto, 400K) Table A.4 B= 1/T= 1/400, V= 26.41e-6, X=38.3e-6 Ra=gutli. 1 = 818.31 air 666666 He (1 atm, 400K) Table A.4 B=1/16=1/400, V=199e-6, € = 295e-6 $Ra = g \perp TL_c^3$ = [14.10] He (400)(1996-6)(2.95e-6) Hyperin (285K) Table A.S B= = (47+48)e-3=0.4758-3, Y== (4200+1460)=6=28308-6, ===(.972+.955)=7=9.635e-6 Ra=gaTLi-P= 576.76 Hyen B= 361.90-6 Y= M& N.6 (1.007e-3)=7.007. Ra=gATL2. B = [1.13 e6] HO



