Eveneral

Fig. Fig. 11102 12021

Francos 1  $\frac{1}{0} \cdot \left[ \frac{1}{0} \cdot \frac{1}{1} \right] + \Omega = 0$   $0 \cdot \left[ \frac{1}{0} \cdot \frac{1}{1} \right] + \Omega = 0$   $0 \cdot \left[ \frac{1}{0} \cdot \frac{1}{0} \right] + \Omega = 0$   $0 \cdot \left[ \frac{1}{0} \cdot \frac{1}{0} \right] = 0$   $0 \cdot \left[ \frac{1}{0} \cdot \frac{1}{0} \cdot \frac{1}{0} \right] = 0$   $0 \cdot \left[ \frac{1}{0} \cdot \frac{1}{0} \cdot$ 

Tu1 = - Qx2 + QX2+TA

Torr-Ty = CR(X2-x2)

Toget to equia (1) For assumption were

mode

#1 : Stady State V. (KDT)+Q=0 # 2: a si symenti c \$ (x &T) + d (x dT) + \$(x,3) = 0 #3cast\_tin Z d (K ) + Q(v) = 0 #4 constant thermal conductivity: equin (1) Exercice 2. Todorcadia Trad= LHR = BTR Q = TX 10,6)2 X 400 = 452,80% tating = 54-53 = 0,005 cm Total = 53-12 = 0,025cm 13-9=5-51=0,10-Toot: 5 Tood = ETIRBUTHOODS = 4 (2,38) Tooting - Trad = 21,81K

Trooting = 21,81K + 800

Trooting = 821,81K

Telest-Trooting = L+1R Atcosting
2TIR folkers = 452,38 × 0,005

2TIXO,6 × 5/100 Yuk

Tolay - Trading = 18 K Tolay = 821,81 + 12 = 833,81 K

Top-Tel-1 = LHR Feld = 452,38 x0,025 ZTRGX Kds = 570,6 x 15/60

To-P-Tan = 20 K Toop = 20 + 833,81 K = 853,81K

Tgal-TSAP = LHR TOAP = 452,38x0,1 21186 KJ-P = 211x0,6x25/100

Thel = 48K+ T3-P Thel = 901,33K f.

(8=0,4) = 941,33 K

805

59

Francice 5 0 = EFXNF x \$ x 6; -lamon Us Sis = 3x (235x0,135+238x0,805) +2 x 28 Us Siz = 237,415x3 +2x28=764,245919

NF = 15,67 × 6,022 × 1025 × 0,19 ( × 3 ()

= 7,18 ×1022 U255 Ems

Q = (200 × 106 × 1,6 × 10'3) × 7,18 × 182 × 2× 10'2 × 170× 10'3

t Quez

Brenses 4 LHE(Z) = LHE" ens (1) (Z -1) LHE (ME) = 150 cm (II (18-1)) LHR (1.8) = 126,18 W/c-Track Sal Tad = 22 × 180× 160× (9 = (7) +5:- (70) =10,8 fx (0,38 ==== = 10,65 K for Shi

Exercice & Forward ender \$ (tom) = \$ (to) + d+d/ 5 (ta) = 40) + 0,55 (4= 301°) = 6 +0,58 9 (4,25) = 6,53 900 1 = 9001 +0,35 × (40,55 + 5×1,356) = G,33 +0,0111 S (1.66) = 6,334 cy (13) = 9(12) +0,33x (4x1,66 - 5x1,662) = 6,334 + 0,33 × (-1,628) 4(2) = 5,797

Beckerd aler y(t2)= y(+0) + 0+33 (4x1.53-3x1.35) = 6 + 0,33 x 0,0153 y(4,33) = 6,004 y(t)= ytz +0,53 x (4x1,66-3x1,668) -6,004-0,53 4(1,64) = 5,467 g(+3) = 9 = + 0,33x | 4x2 - 3x22 4(1) = 4,142

Exercice 6 + a Festile motorial do a motorial that is not formable but can be converted into d'éssile muchide by certain obscription raborile metariel is a public of sisting an malen fissin chain restin with extress \* a fininable material is capabille of undergo forin over 6. The Probability ) after captains a high energy ret a Exercise 7 - became during thoused grobery Pre Vistal dunticully mells not stable as prese UDs considering that it has thee phoses Frace 8 Suon desity is ressorant to detomine the Sulling of the bel on detomine the thicken of the orp more und more sally 3. Evene ce ? - en ch U becase only U-235 could Site a miles alin reset - which exist atrolly in VO, by 0,7% was prosty weentilize UFE for the anichet go catific process 203 is placed in a gop ) established at a high speed The heavier U-238 Willbe pushed to the Sides of The Cylinder -The anded UF6 - Il be all at from the water Exerc to 10 Mo and Cs being for evidet and the other for higher ( double hopdistribus) Finite difference

Finite volue

Finite volue

Finite class spring relled for high

fidel ty fel performer codes

because it has entires represente and an

model any BC's and junctices