Homewak 2

RBE 3002

1.)

Given: V== W(R+b) ·F

Yes W(R-b)

R= (b) (V_+VL)

m= (N2-N1)

form equation 4 -> V.r-Ve = w.b

... pulling Vy-Ve en equation 3

R= b (N+V1)

2 WR = VotVy

103 mer elle

Ny = 2RW- 16

who νι= ω(κ-b) ν- 2 2 κω- ω(κ-b) ν- 2 2 κω

Va + VI = 2RW

V9, + V2 + V9-V4 = 2RW +V2-V4 2Vor = 2 RW + Wb

Vz= Rw+wb Naz W(R+b) :. Vat V2 - Vg, + Ve: 2RW- (Vor-V2) Vater 2 /2= 2 Rw - wb Ne: w(R-b) (: dividing 1) 4 0 V2 = 40 (R+6/2) De Ryg-Vab = RVe+RV1b RV91-RV1= Veb + Vab R[Vn-Ve]= b[Vn+Ve] R= b [NontV. 1 -0 Var-Ve=W[Rxb pR+b] Va-Vi= wb W= V2-V1