

```

BOY25 = (1./(2.*ZEKE))*HT4
BOY26 = (1./(2.*ZEKE))*BOY24
BOY27 = COEF2*(BOY25-BOY26)
BOY2 = COEF1*(BOY21-BOY22-BOY23+BOY29+BOY27)
COEF2 = (STRO*F*((HC+HT)/2.)*(3.*A2-4.*A1))/3.
COEF1 = COEF2/(BETT*BETT-4.*ALPHT*GAMT)
COEF2 = BETT*BETTP-2.*ALPHT*GAMTP
BOY21 = (1./(2.*ALPHT))*EPST
BOY23 = BOY22+(1./(2.*ALPHT))*EPSIT-BOY29
BOY24 = COEF2*(BOY21-BOY23)
COEF3 = BETT*GAMTP-2.*GAMT*BETTP
BOY21 = BOY25-BOY26
BOY23 = 0.5*(COEF2*RT*RT-COEF3)/EPST
BOY24 = BOY23*(RT*RT-RIT*RIT)
BOY3 = COEF1*(BOY24-COEF3*BOY21-BOY24)
BOY4 = B*F*(4.*A1+A2)*(RT*RT*RT*RT-RIT*RIT*RIT*RIT)/4.
BOY21 = 0.5*F*(B*RT*RT*((2./3.)*A1-A2))
PT = RING*(RT-RO)
BOY23 = 0.5*F*(6.*A2*B*(HC+HT)/2.+PT)
BOY24 = RT*RT-RIT*RIT
BOY5 = (BOY21+BOY23)*BOY24
BOY6 = -F*B*A3
SIDER = BOY1-BOY2+BOY3-BOY4-BOY5
A3 = -(SIDEL-SIDER)/(F*B)
BOY1 = (HC+HT)/2.
DELT1 = 4.*BOY1*(2.*A1*RIT*RIT+A2*BOY1*BOY1+A3)
DELT2 = ABS(DELT1)
IF(DELT2+DELTA)1,44,49
44  DELT3 = ABS(DELTA)
IF(DELT3+DELTA)1,81,85
81  DELT5 = DELT1-DELTA
DELT4 = ABS(DELT5)
3   IF(DELT4/DELTA-0.01)90,90,79
93  IF(DELT5)98,90,99
98  DELTA = DELTA+SAM
CUP = 0.25*CUP
GO TO 79
99  DELTA = DELTA-SAM
CUP = 0.25*CUP
79  PRINT, DELTA, A2, A24, CUP, DELT5
PRINT, A1, A2, A3, A24

```

FIG. 27 (CONTINUED)