

```

48 IF(RIT2-0.001)50,50,48
    RIM = 0.25*(3.*RIM+RIT1)
    GO TO 45
50 CAV1 = RIT*RIT+RIC*RIC+4.*RIM*RIM
    CAV2 = (AK1+AK2*PIC+AK3*PIC*PIC)*V01
    CAV3 = (C1+C2*PIC+C3*PIC*PIC)*V02
    PI1 = -((3.14159*HC/3.)*CAV1-V0)/(CAV2+CAV3)
    ERR = (ABS(PI1-PIC))/PI1
    IF(ABS(ERR)-0.01)52,52,51
51 PIC = 0.25*(3.*PIC+PI1)
    GO TO 50
52 ZEKE = SQRT(ALPHT)
    BILL = SQRT(GAMT)
    ALPHC = ALPHT
    BETC = 16.*A1*A3
    GAMC = 4.*A3*A3
    RIT1 = 2.*ALPHC*RIC*RIC+BETC
    EPSIC = SQRT(ALPHC*RIC*RIC*RIC*RIC+BETC*RIC*RIC+GAMC)
    EPSC = SQRT(ALPHC*RC*RC*RC*RC+BETC*RC*RC+GAMC)
    ZEKEC = SQRT(ALPHC)
    RIT2 = 2.*ALPHC*RC*RC+BETC
    BOY21 = STRO*(2.*A1-3.*A2)/(3.*ZEKEC)
    BOY22 = (RIT1+2.*ZEKEC*EPSIC)/(RIT2+2.*ZEKEC*EPSC)
    IF(BOY22)53,53,54
53 BOY23 = 0.
    GO TO 55
54 BOY23 = BOY21*LOG(BOY22)
55 BOY24 = B*(RIC*RIC-RC*RC)/3.
    BOY25 = (PIC+BOY23-PC)/BOY24
    A21 = (BOY25+2.*A1)/3.
    A22 = ABS(A21)
    IF(A22+A21)1,56,67
56 A23 = ABS(A2)
    IF(A23+A2)1,57,66
57 A24 = ABS(A21-A2)
58 R = RIT-RT/10.
    IF(A24/ABS(A2)-0.01)71,71,59
59 A34(L) = A24
    IF(L-2)61,61,60
60 IF(A34(L)-A34(L-1))95,33,33
33 IF(NAN-1)1,96,93

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FIG. 27 (CONTINUED)