

```

20  RIT1 = 1./((1.-2.*(RIT/RC)*(RIT/RC))
    RIT2 = (2.*(RC-RO)*RIT*RIT)/(RC*RC*RC)
    RIT3 = DELTA/(4.*HC)-A2*HC*HC
    RIT4 = RIT1*(RIT3-RIT2)
    RIT5 = ABS(RIT4-A3)
    IF(ABS(RIT5/RIT4)-0.01)25,25,22
22  A3 = 0.25*(3.*A3+RIT4)
    GO TO 12
25  PC = (RC*RING)*(A1*RC*RC+A3)
    ALPHT = (52./3.)*A1*A1
    HAMT = 12.*A1*A2+9.*A2*A2+16.*A1*A1
    BETT = (4./3.)*(HAMT*HC*HC+12.*A1*A3)
    BETTP = (8./3.)*(HAMT*HC)
    GAMT = 4.*(3.*A2*HC*HC+A3)*(3.*A2*HC*HC+A3)
    GAMTP = 48.*A2*(3.*A2*HC*HC+A3)*HC
    RT = RC
30  RIT3 = A1*RT*RT
    RIT4 = 3.*A2*HT*HT+A3
    RIT1 = RO+(RIT3+RIT4)*RT
    RIT2 = ABS(RIT1-RT)
    IF(RIT2-0.001)35,35,31
31  RT = 0.25*(3.*RT+RIT1)
    GO TO 30
35  RIT3 = -2.*A2*HT*HT
    RIT4 = 4.*A1*RT*RT+2.*A3
    RIT1 = HO+(RIT3-RIT4)*HT
    RIT2 = ABS(RIT1-RT)
    IF(RIT2-0.001)41,41,37
37  HT = 0.25*(3.*HT+RIT1)
    GO TO 35
41  RIT3 = A1*RIC*RIC+A3
    RIT1 = RIO-RIT3*RIC
    RIT2 = ABS(RIT1-RIC)
    IF(RIT2-0.001)45,45,43
43  RIC = 0.25*(3.*RIC+RIT1)
    GO TO 41
45  RIT3 = A1*RIM*RIM
    RIT4 = 0.75*A2*HC*HC+A3
    RIT1 = RIO-(RIT3+RIT4)*RIM
    RIT2 = ABS(RIT1-RIM)
    PIC = 0.

```

FIG. 27 (CONTINUED)