

```

95     L = L-1
61     IF(M-10)62,62,63
62     A2 = 0.5*(A2+A21)
        PRINT, A2, A21
        L = L+1
        GO TO 11
63     A2 = 0.25*(3.*A2+A21)
        PRINT, A2, A21
        L = L+1
        GO TO 11
66     A24 = ABS(A21+A2)
        GO TO 58
67     A23 = ABS(A2)
        IF(A23+A2)1,66,57
71     R = R+RT/10.
        SHEA1 = (2./3.)*B*(3.*A2-4.*A1)*R*HT
        EPSI = SQRT(ALPHT*R*R*R*R+BETT*R*R+GAMT)
        SHEA2 = (2./3.)*STRO*(3.*A2-4.*A1)*R*HT/EPSI
        TAUNO = 0.5*(STRO+B*EPSI)
        TAURZ = SHEA1+SHEA2
        IF(RT-R)75,72,72
72     TAUNO = ABS(TAUNO)
        TAURZ = ABS(TAURZ)
        IF(TAUNO-TAURZ)73,73,71
75     BOY1 = (2./9.)*B*((HC+HT)/2.)*(3.*A2-4.*A1)
        BOY2 = BOY1*(RT*RT*RT-RIT*RIT*RIT)
        BUG7 = 4.*ALPHT*GAMT-BETT*BETT
        IF(GAMT)14,14,13
13     BOY21 = GAMT**0.25
        GO TO 16
14     BOY21 = 0.
16     IF(ALPHT)19,19,18
18     BOY22 = ALPHT**0.25
        BUG8 = BUG7/(16.*ALPHT**1.5)
        GO TO 21
19     BOY22 = 0.
        BUG8 = 0.
21     BOY23 = (BOY21+RT*BOY22)/(BOY21-RT*BOY22)
        IF(GAMT/ALPHT)24,24,23
23     BOY24 = 0.5*(GAMT/(ALPHT*ALPHT*ALPHT))**0.25
        GO TO 26

```

FIG. 27 (CONTINUED)