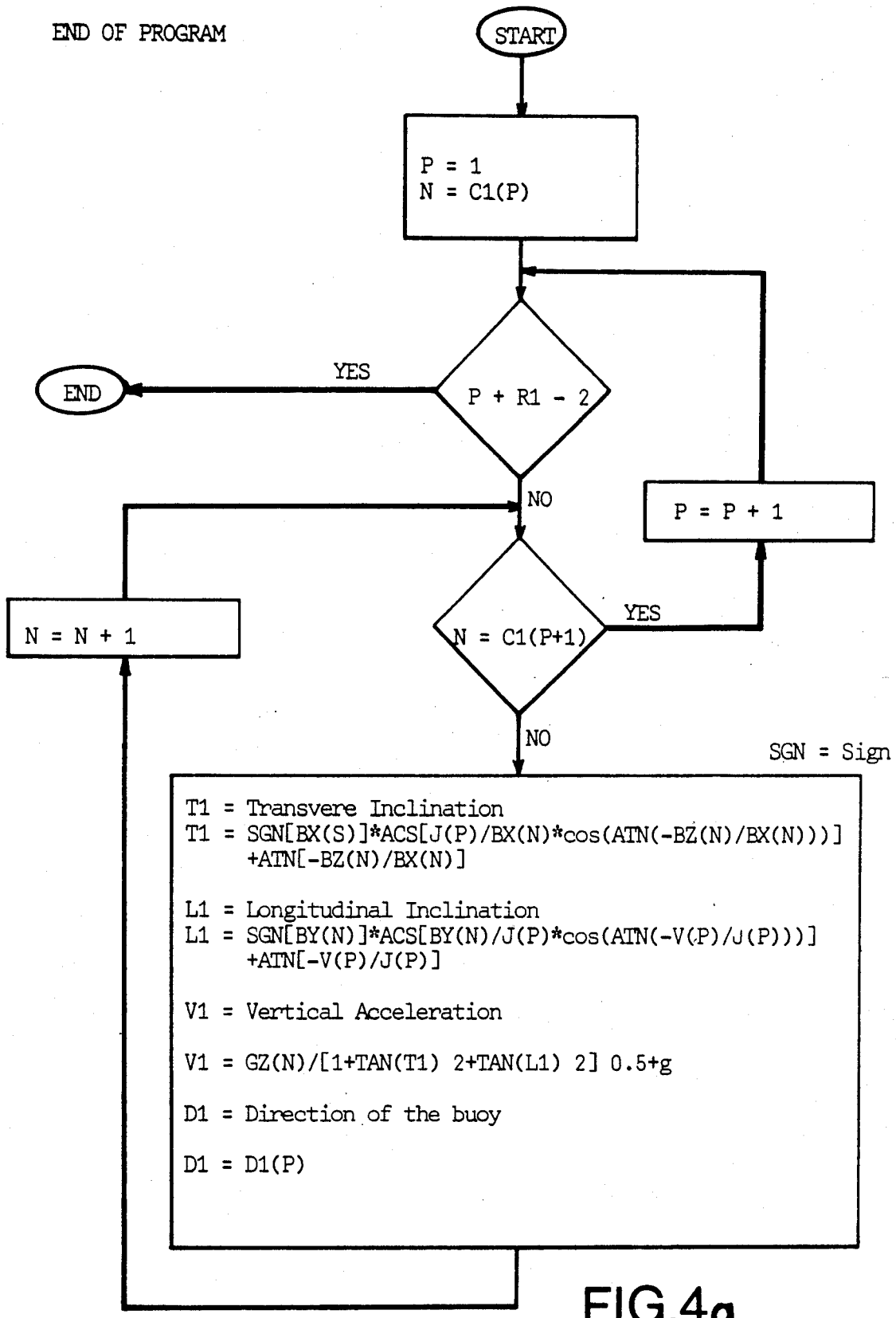
END OF PROGRAM
START
P = 1
N = C1(P)
P + R1 - 2
YES
END
NO
P = P + 1
N = N + 1
N = C1(P+1)
YES
NO
SGN = Sign
T1 = Transvere Inclination
T1 = SGN[BX(S)]*ACS[J(P)/BX(N)*cos(ATN(-BZ(N)/BX(N)))]
+ATN[-BZ(N)/BX(N)]
L1 = Longitudinal Inclination
L1 = SGN[BY(N)]*ACS[BY(N)/J(P)*cos(ATN(-V(P)/J(P)))]
+ATN[-V(P)/J(P)]
V1 = Vertical Acceleration
V1 = GZ(N)/[1+TAN(T1) 2+TAN(L1) 2] 0.5+g
D1 = Direction of the buoy
D1 = D1(P)

FIG.4g