

HP-41C Root Finder $f(x)=0$ by Keith Jarett
PPC Calculator Journal V7 N4 P24 May 1980

```
01 LBL "FX=0" ;Root Finder Program
02 "FNAME?"
03 AON
04 PROMPT
05 ASTO 00
06 AOFF
07 "XGUESS1?"
08 PROMPT
09 STO 03
10 "XGUESS2?"
11 PROMPT
12 -
13 STO 02
14 RCL 00
15 LASTX
16 XEQ 14
17 STO 01
18 LBL 10
19 RCL 00
20 RCL 03
21 XEQ 14
22 ENTER
23 ENTER
24 X<> 01
25 -
26 /
27 RCL 02
28 *
29 CHS
30 STO 02
31 RCL 03
32 +
33 STO 03
34 RCL 01
35 ABS
36 1 E-6
37 X<=Y?
38 GTO 10
39 RCL 03
40 BEEP
41 RTN
42 LBL 14
43 4
44 XEQ "CR" ;Curtain Raiser (Line 1)
45 XEQ IND Y
46 -4
47 XEQ "CR" ;Curtain Raiser (Line 1)
48 END
```

0061C000F50046583D30F6464E414D453F8C8E9A008BF85847
55455353313F8E33F8584755455353323F8E41322076E0000E
310B2023E0000E8383CE014143224254322340332161111B1C
1646BB002386850F141EF24352AEF21C141EF24352C0000D30

97 BYTES

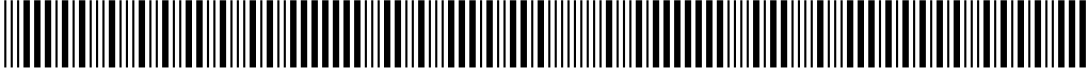
HP-41C Root Finder $f(x)=0$ by Keith Jarett PPC V7 N4 P24 May 1980

Program Registers Needed: 14

Row 1 (1 - 2)



Row 2 (2 - 7)



Row 3 (7 - 10)



Row 4 (10 - 20)



Row 5 (21 - 30)



Row 6 (31 - 39)



Row 7 (40 - 47)



Row 8 (47 - 48)

