

HP-41C EF Memory Verify Bug by Gregg A. Mathewson
PPC Calculator Journal V9 No 7 Pg 20 Oct-Nov 1982

```

01 LBL "BUGSHOW" ;Setup program contains "THEBUG"
02 XEQ 99
03 XEQ 99
04 XEQ 99
05 XEQ 99
06 XEQ 99
07 XEQ 99
08 XEQ 99
09 XEQ 99
10 XEQ 99
11 XEQ 99
12 XEQ 99
13 XEQ 99
14 XEQ 99
15 XEQ 99
16 XEQ 99
17 XEQ 99
18 XEQ 99
19 XEQ 99
20 XEQ 99
21 XEQ 99
22 XEQ 99
23 XEQ 99
24 XEQ 99
25 XEQ 99
26 XEQ 99
27 XEQ 99
28 XEQ 99
29 XEQ 99
30 XEQ 99
31 XEQ 99
32 XEQ 99
33 ENTER
34 "THEBUG"
35 XEQ 99
36 XEQ 99
37 END ;121 BYTES

```

0079C000F80042554753484F57E00063E00063E00063E00063
E00063E00063E00063E00063E00063E00063E00063E00063E0
0063E00063E00063E00063E00063E00063E00063E00063E000
63E00063E00063E00063E00063E00063E00063E00063E00063
E00063E0006383F6544845425547E00063E00063C0000DF8

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```
01 LBL "FINDBUG" ;Program #1 to demonstrate bug
02 105
03 PSIZE
04 0
05 XROM 25,19 ;GETR
06 STO L
07 LBL 01
08 RCL IND L
09 X#Y?
10 STOP
11 ISG L
12 GTO 01
13 GTO 01
14 END
```

0023C000F80046494E44425547111015A65E10A65391740290
F479849674B200B200C0000DE0

35 BYTES

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```
01 LBL "FINDBUG" ;Program #2 to demonstrate bug
02 0
03 XROM 25,43 ;SEEKPTA
04 STO L
05 LBL 01
06 XROM 25,23 ;GETX
07 X#Y?
08 STOP
09 ISG L
10 GTO 01
11 GTO 01
12 END
```

001EC000F80046494E4442554710A66B917402A65779849674
B200B200C0000D32

30 BYTES

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Program Registers Needed: 18

Row 1 (1 - 2)



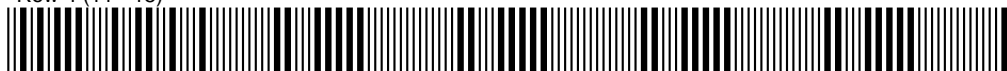
Row 2 (2 - 6)



Row 3 (7 - 11)



Row 4 (11 - 15)



Row 5 (15 - 19)



Row 6 (20 - 24)



Row 7 (24 - 28)



Row 8 (28 - 32)



Row 9 (33 - 36)



Row 10 (36 - 37)



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Program Registers Needed: 5

Row 1 (1 - 2)



Row 2 (2 - 10)



Row 3 (11 - 14)



HP-41C Find Bug 2 by Gregg A. Mathewson PPC V9 N7 P20 Oct-Nov 1982

Program Registers Needed: 5

Row 1 (1 - 3)



Row 2 (3 - 11)



Row 3 (11 - 12)

