

```
01 LBL "LINEQ2" ;Linear Equations Version 2
02 LBL A
03 ISG 00
04 RCL 00
05 LBL F
06 ENTER
07 XEQ I
08 RCL 00
09 XEQ I
10 RCL 00
11 INT
12 DSE X
13 CF 00
14 ST+ Z
15 +
16 R^
17 RCL IND Y
18 X<0?
19 CHS
20 RCL IND T
21 ABS
22 X<=Y?
23 GTO A
24 RCL IND 00
25 X<> IND T
26 STO IND 00
27 R^
28 ENTER
29 XEQ I
30 RCL 00
31 XEQ I
32 LBL G
33 RCL IND X
34 X<> IND Z
35 STO IND Y
36 RDN
37 1
38 +
39 ISG Y
40 GTO G
41 RCL Z
42 GTO F
43 LBL 00
44 1/X
45 LBL A
46 RCL Z
47 ISG X
48 GTO F
49 LBL A
50 RCL 00
51 XEQ I
52 XEQ c
53 1
54 +
55 RCL 00
56 INT
57 *
58 RCL IND X
59 X=0?
60 GTO 00
61 LBL B
62 ST/ IND Z
63 ISG Z
64 GTO B
65 ST/ IND 00
66 0
67 XEQ I
```

68 LBL C
69 ENTER
70 XEQ I
71 RCL 00
72 XEQ I
73 RCL 00
74 INT
75 DSE X
76 CF 00
77 ST+ Z
78 +
79 RCL IND Y
80 STO L
81 RDN
82 X#Y?
83 GTO E
84 ISG Z
85 GTO D
86 RTN
87 LBL D
88 RCL Z
89 GTO C
90 LBL E
91 RCL IND X
92 X<> L
93 ST* L
94 X<> L
95 ST- IND Z
96 RDN
97 ISG Y
98 CF 00
99 ISG X
100 GTO E
101 RCL Z
102 RCL IND 00
103 LASTX
104 *
105 ST- IND Y
106 RDN
107 ISG X
108 GTO C
109 GTO A
110 LBL I
111 INT
112 XEQ c
113 *
114 ST+ L
115 1 E3
116 ST/ L
117 X<> L
118 +
119 ISG X
120 RTN
121 LBL c
122 RCL 00
123 FRC
124 STO L
125 RDN
126 1 E3
127 ST* L
128 X<> L
129 FS? 00
130 SQRT
131 RTN

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749474CE7493F1759672A9009673D0006A90719080764293F2
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40967385CF7D2069917475111B139474CE74AC00528561

245 BYTES

HP-41C Linear Equations 2 by Robert Meyer PPC V7 N2 P23 Feb-Mar 1980

Program Registers Needed: 35

Row 1 (1 - 3)



Row 2 (3 - 10)



Row 3 (11 - 19)



Row 4 (20 - 26)



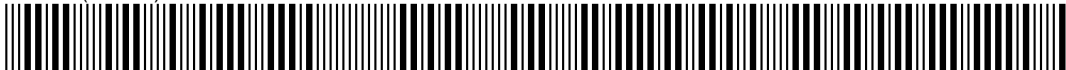
Row 5 (27 - 33)



Row 6 (34 - 41)



Row 7 (41 - 48)



Row 8 (48 - 54)



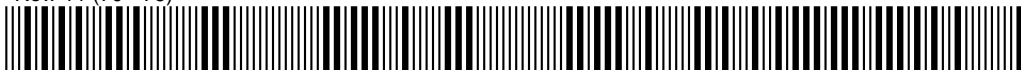
Row 9 (55 - 63)



Row 10 (63 - 69)



Row 11 (70 - 76)



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Row 12 (77 - 84)



Row 13 (84 - 90)



Row 14 (90 - 97)



Row 15 (97 - 103)



Row 16 (104 - 110)



Row 17 (110 - 116)



Row 18 (117 - 125)



Row 19 (126 - 131)

