

HP-41C Speedy Factor Finder Program by Jim Horn  
PPC Calculator Journal Vol 8 No 5 P19 July 1981

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01 LBL "FA"      ;Speedy Factor Finder Program
02 CF 02
03 STO 00
04 STO 02
05 SQRT
06 STO 07
07 CLX
08 STO 01
09 6
10 STO 04
11 4
12 STO 05
13 RCL 00
14 2
15 STO 06
16 MOD
17 X=0?
18 XEQ 00
19 RCL 02
20 3
21 MOD
22 X=0?
23 XEQ 00
24 RCL 02
25 5
26 MOD
27 X=0?
28 XEQ 00
29 1
30 STO L
31 RCL 02
32 RDN
33 LBL 01
34 R^
35 STO Y
36 LASTX
37 RCL 04
38 +
39 MOD
40 X=0?
41 XEQ 00
42 CLX
43 LASTX
44 RCL 05
45 +
46 MOD
47 X=0?
48 XEQ 00
49 CLX
50 LASTX
51 RCL 06
52 +
53 MOD
54 X=0?
55 XEQ 00
56 CLX
57 LASTX
58 RCL 05
59 +
60 MOD
61 X=0?
62 XEQ 00
63 CLX
64 LASTX
65 RCL 06
66 +
67 MOD
```

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68 X=0?
69 XEQ 00
70 CLX
71 LASTX
72 RCL 05
73 +
74 MOD
75 X=0?
76 XEQ 00
77 CLX
78 LASTX
79 RCL 04
80 +
81 MOD
82 X=0?
83 XEQ 00
84 CLX
85 LASTX
86 RCL 06
87 +
88 MOD
89 X=0?
90 XEQ 00
91 RCL 07
92 LASTX
93 X<=Y?
94 GTO 01
95 LBL 02
96 RCL 02
97 CHS
98 VIEW X
99 ADV
100 TONE 09
101 RTN
102 GTO "FA" ;Speedy Factor Finder (Line 1)
103 LBL 00
104 1
105 ST+ 01
106 LASTX
107 STO 03
108 ST/ 02
109 RCL 02
110 X<>Y
111 MOD
112 X=0?
113 GTO 00
114 1
115 RCL 02
116 X=Y?
117 SF 02
118 SQRT
119 STO 07
120 RCL 01
121 ST- 01
122 .01
123 *
124 RCL 03
125 +
126 FS?C 02
127 GTO 03
128 VIEW X
129 TONE 09
130 FC? 55
131 STOP
132 RCL 03
133 STO L
134 RCL 02
135 ENTER
136 ENTER
137 RTN

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138 LBL 03  
139 STO 02  
140 STO 07  
141 RTN  
142 END

00C1C000F3004641A902303252377731163414352012364B67  
E0000022134B67E0000022154B67E000001191742275027491  
727624404B67E00000777625404B67E00000777626404B67E0  
0000777625404B67E00000777626404B67E00000777625404B  
67E00000777624404B67E00000777626404B67E00000277646  
B20003225498738F9F09851DF2464101119201763395022271  
4B67B100112278A80252372193011A1011422340AA02B40098  
739F09AD37842391742283838504323785C0000DEE

193 BYTES

# HP-41C Speedy Factor Finder by Jim Horn V8 N5 P19 July 1981

Program Registers Needed: 28

Row 1 (1 - 7)



Row 2 (8 - 18)



Row 3 (19 - 28)



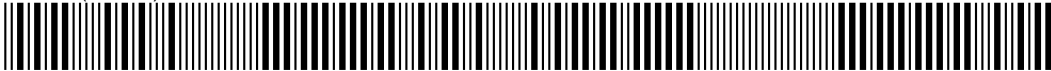
Row 4 (28 - 38)



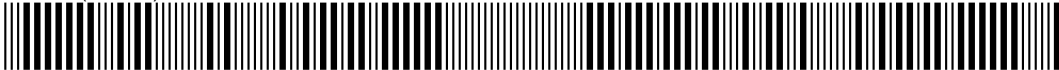
Row 5 (39 - 48)



Row 6 (48 - 58)



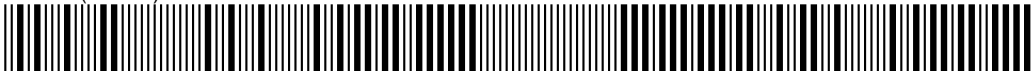
Row 7 (59 - 69)



Row 8 (69 - 78)



Row 9 (79 - 89)



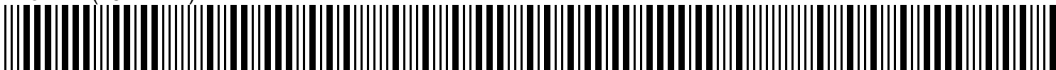
Row 10 (90 - 98)



Row 11 (99 - 106)



Row 12 (107 - 117)



Row 13 (117 - 126)



Row 14 (126 - 133)



Row 15 (134 - 142)

