

HP-41C 2X Demonstration Program by Barry Altman  
PPC Calculator Journal Volume 8 N5 P3 July 1981

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01 LBL "DEMO" ;2X Speed Demonstration Program
02 SF 25
03 XROM 10,63 ;FI - Financial Routine
04 CLRG
05 CF 26
06 XEQ 04
07 SF 26
08 XEQ 02
09 " PRESENTING"
10 XROM 29,08 ;PRA
11 CF 12
12 SF 13
13 9
14 XROM 29,22 ;SKPCHR
15 "THE"
16 XEQ 01
17 XEQ 02
18 "HP-41"
19 XROM 29,01 ;ACA
20 "CV/X2"
21 ASTO 15
22 XEQ 01
23 ">"A"
24 ASTO 16
25 CF 12
26 XEQ 04
27 ADV
28 "T"
29 XROM 29,01 ;ACA
30 SF 13
31 "WICE AS FAST"
32 XEQ 01
33 3
34 XROM 29,22 ;SKPCHR
35 "2 SPEEDS"
36 XEQ 01
37 6
38 XROM 29,22 ;SKPCHR
39 "2X-"
40 XROM 29,01 ;ACA
41 CF 13
42 "F A S T"
43 XEQ 01
44 SF 13
45 9
46 XROM 29,22 ;SKPCHR
47 "1X-NORMAL"
48 XEQ 01
49 XEQ 04
50 CF 13
51 ADV
52 "STANDARD CHARAC"
53 ">"TER SET"
54 XROM 29,08 ;PRA
55 ADV
56 .127
57 STO 01
58 LBL 03
59 RCL 01
60 XROM 10,32 ;TN - Tone N
61 RCL 01
62 XROM 29,02 ;ACCHR
63 " " ;1 space
64 XROM 29,01 ;ACA
65 ISG 01
66 GTO 03
67 XEQ 01
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68 XEQ 04
69 XROM 20,51 ;PO - Paper Out
70 1
71 STO 01
72 CHS
73 STO 00
74 2
75 STO 10
76 168
77 STO 02
78 180
79 STO 09
80 .1231
81 STO 12
82 "4555"
83 ASTO 17
84 "AXIS"
85 ASTO 18
86 4
87 SF 04
88 SF 05
89 SF 06
90 CF 10
91 XROM 20,29 ;HP - High Resolution Plot
92 XEQ 04
93 .1
94 STO 01
95 LBL 06
96 ISG 01
97 GTO 06
98 XROM 20,51 ;PO - Paper Out
99 SF 21
100 .025
101 "NON ZERO"
102 XROM 29,01 ;ACA
103 " REGISTERS"
104 XROM 29,01 ;ACA
105 XROM 29,10 ;PRBUF
106 XROM 20,07 ;BV - Block View
107 XROM 20,58 ;VF - View Flags
108 XROM 10,15 ;S? - Size Finder
109 "SIZE="
110 ARCL X
111 XROM 29,08 ;PRA
112 XROM 10,14 ;~? - Sigma Register Finder
113 "~=" ;~ is Sigma (hex 7E)
114 ARCL X
115 XROM 29,08 ;PRA
116 XROM 10,04 ;F? - Free Register Finder
117 "FREE REG="
118 ARCL X
119 XROM 29,08 ;PRA
120 SF 25
121 XROM 20,24 ;LG - PPC Logo
122 CF 21
123 "- THE END -"
124 AVIEW
125 STOP
126 LBL 01
127 XROM 29,01 ;ACA
128 XROM 29,10 ;PRBUF
129 BEEP
130 RTN
131 LBL 02
132 SF 12
133 CF 13
134 RTN
135 LBL 04
136 .009
137 STO 02

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138 LBL 05
139 TONE IND 02
140 ISG 02
141 GTO 05
142 RTN
143 LBL "CV/X2"
144 STO 40
145 SIN
146 3
147 *
148 RCL 40
149 COS
150 2
151 *
152 -
153 RTN
154 LBL "CV/X2A"
155 SIN
156 RTN
157 LBL "4555"
158 COS
159 RTN
160 LBL "AXIS"
161 0
162 RTN
163 END

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01C9C000F50044454D4FA819A2BF8AA91AE00004A81AE00002
FB2050524553454E54494E47A748A90CA80D19A756F3544845
E00001E00002F548502D3431A741F543562F58329A0FE00001
F27F419A10A90CE000048FF154A741A80DFC57494345204153
2046415354E0000113A756F83220535045454453E0000116A7
56F332582DA741A90DF746204120532054E00001A80D19A756
F931582D4E4F524D414CE00001E00004A90D8FFF5354414E44
41524420434841524143F87F54455220534554A7488F1A1112
17310421A2A021A742F120A7419601B400E00001E00004A533
11315430123A11161832111810391A111213113CF434353535
9A11F4415849539A1214A804A805A806A90AA51DE000041A11
31079601B700A533A8151A101215F84E4F4E205A45524FA741
FA20524547495354455253A741A74AA507A53AA28FF553495A
453D9B73A748A28EF27E3D9B73A748A284F946524545205245
473D9B73A748A819A518A915FB2D2054484520454E44202D7E
8402A741A74A868503A80CA90D85051A10101932069F829602
B60085C000F60043562F5832912859134290285A12424185C0
00F70043562F5832415985C000F500343535355A85C000F500
415849531085C0000D92

```

457 BYTES

## HP-41C 2X Demonstration Program by Barry Altman PPC V8 N5 P3 July 1981

Program Registers Needed: 66

Row 1 (1 - 4)



Row 2 (5 - 9)



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Row 3 (9 - 11)



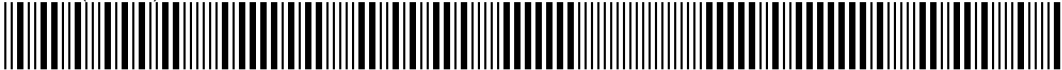
Row 4 (12 - 17)



Row 5 (17 - 20)



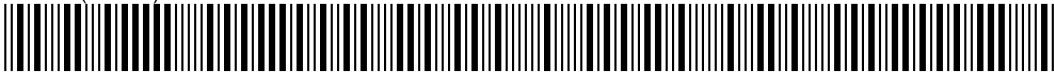
Row 6 (20 - 24)



Row 7 (25 - 31)



Row 8 (31 - 32)



Row 9 (32 - 35)



Row 10 (35 - 40)



Row 11 (41 - 43)



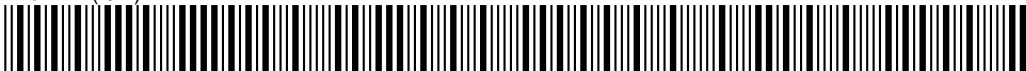
Row 12 (44 - 47)



Row 13 (47 - 52)



Row 14 ( 52 )



Row 15 (52 - 55)



Row 16 (56 - 63)



Row 17 (63 - 68)



Row 18 (69 - 78)



Row 19 (78 - 82)



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Row 20 (82 - 87)



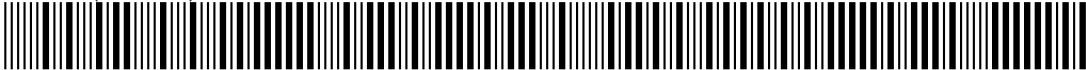
Row 21 (88 - 93)



Row 22 (94 - 100)



Row 23 (100 - 103)



Row 24 (103 - 105)



Row 25 (105 - 109)



Row 26 (110 - 115)



Row 27 (116 - 118)



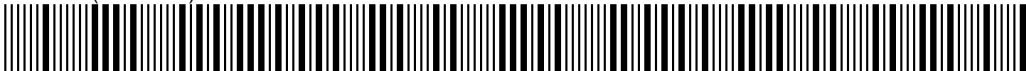
Row 28 (118 - 123)



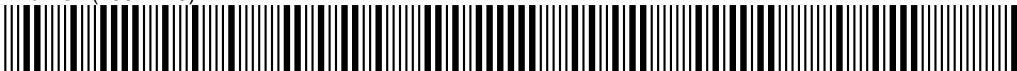
Row 29 (123 - 127)



Row 30 (128 - 136)



Row 31 (136 - 143)



Row 32 (143 - 148)



Row 33 (148 - 154)



Row 34 (154 - 157)



Row 35 (158 - 163)



Row 36 ( 163 )

