

HP-41C PPC ROM Curve Fit Program by PPC ROM Authors  
PPC Calculator Journal Vol 7 No 9 P13 November 1980

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01 LBL "CF"      ;Curve Fit Program
02 GTO IND 06 ;by Keith Jarett (4360) John Kennedy (918)
03 LBL 01        ;Gary Tenzer (1816) (see V7N5P46, V7N2P20)
04 LBL A
05 CF 10
06 LBL 08
07 X<>Y
08 SREG 13 ;SigmaReg
09 ABS
10 FC? 10
11 S+      ;Sigma+
12 FS? 10
13 S-      ;Sigma-
14 X<> L
15 ENTER
16 STO 08
17 LN
18 RCL Z
19 STO 09
20 LN
21 ST* Z
22 X<>Y
23 ST* T
24 SREG 19 ;SigmaReg
25 FC? 10
26 S+      ;Sigma+
27 FS? 10
28 S-      ;Sigma-
29 R^
30 FS? 10
31 CHS
32 ST+ 12
33 R^
34 FS? 10
35 CHS
36 ST+ 11
37 RCL 08
38 SIGN
39 RCL 09
40 RCL 18
41 RTN
42 RCL 08
43 RCL 09
44 LBL 06
45 LBL a
46 SF 10
47 GTO 08
48 LBL 02
49 LBL B
50 CF 08
51 CF 09
52 STO 07
53 2
54 X<Y?
55 SF 09
56 /
57 FRC
58 X=0?
59 SF 08
60 8
61 ST+ 07
62 XEQ IND 07
63 RCL 17
64 RCL 13
65 RCL 15
66 STO 09
67 *
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68 RCL 18
69 /
70 -
71 STO 10
72 RCL 14
73 RCL 13
74 X^2
75 RCL 18
76 /
77 -
78 /
79 STO 08
80 LASTX
81 SQRT
82 ST/ 10
83 CLX
84 RCL 13
85 *
86 ST- 09
87 RCL 16
88 RCL 15
89 X^2
90 RCL 18
91 ST/ 09
92 /
93 -
94 SQRT
95 ST/ 10
96 XEQ IND 07
97 8
98 ST- 07
99 RCL 10
100 RCL 09
101 FS? 08
102 E^X
103 RCL 08
104 RTN
105 LBL 10
106 RCL 11
107 X<> 17
108 STO 11
109 LBL 13
110 RCL 21
111 X<> 15
112 STO 21
113 RCL 22
114 X<> 16
115 STO 22
116 LBL 09
117 RTN
118 LBL 11
119 RCL 12
120 X<> 17
121 STO 12
122 LBL 14
123 RCL 19
124 X<> 13
125 STO 19
126 RCL 20
127 X<> 14
128 STO 20
129 RTN
130 LBL 12
131 RCL 23
132 X<> 17
133 STO 23
134 XEQ 14
135 GTO 13
136 LBL 03
137 LBL C
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138 FS? 09
139 LN
140 RCL 08
141 *
142 RCL 09
143 +
144 FS? 08
145 E^X
146 RTN
147 LBL 04
148 LBL D
149 FS? 08
150 LN
151 RCL 09
152 -
153 RCL 08
154 /
155 FS? 09
156 E^X
157 RTN
158 LBL 00
159 LBL e
160 SREG 07 ;SigmaReg
161 CLS ;CLSigma
162 SREG 13 ;SigmaReg
163 CLS ;CLSigma
164 SREG 19 ;SigmaReg
165 CLS ;CLSigma
166 RTN
167 LBL 05
168 LBL E
169 CLX
170 STO 25
171 4
172 STO 07
173 LBL 07
174 RCL 07
175 XEQ B
176 RCL 25
177 RCL 10
178 ABS
179 X<=Y?
180 GTO 15
181 STO 25
182 RCL 07
183 STO 26
184 LBL 15
185 DSE 07
186 GTO 07
187 RCL 26
188 RTN
189 END

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0117C000F3004346AE0602CF66A90A0971990D61AD0A47AC0A
48CE748338509071395094717194709913AD0A47AC0A4874AC
0A54920C74AC0A54920B287A29901285282907CF7BA80AB900
03CF67A908A909371244A809436967A808189207AE8790112D
2F3942901243413A2E2D519012434143387652950A772D4293
0990102F5190129509434152950AAE871893072A29AC085528
850B2BCE113B0E9015CE0F91159016CE1091160A850C2CCE11
3C0F9013CE0D91139014CE0E9114850D9017CE119117E0000E
BE0004CF68AC095028422940AC08558505CF69AC0850294128
43AC09558501CF7F990770990D709913708506CF6A77911914
370827E0006790192A6146D0000F911927911ACF0F9707B800
901A85C0000DCB

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279 BYTES

# HP-41C PPC ROM Curve Fit by PPC ROM Authors PPC V7 N9 P13 Nov 1980

Program Registers Needed: 40

Row 1 (1 - 5)



Row 2 (6 - 14)



Row 3 (15 - 24)



Row 4 (24 - 32)



Row 5 (33 - 42)



Row 6 (43 - 50)



Row 7 (51 - 60)



Row 8 (61 - 69)



Row 9 (70 - 81)



Row 10 (82 - 90)



Row 11 (91 - 99)



Row 12 (100 - 110)



Row 13 (110 - 117)



Row 14 (118 - 126)



Row 15 (126 - 133)



Row 16 (134 - 141)



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Row 17 (142 - 151)



Row 18 (152 - 161)



Row 19 (162 - 170)



Row 20 (171 - 180)



Row 21 (180 - 186)



Row 22 (187 - 189)

