

HP-41C PPC ROM Math Routines 3 by PPC ROM Authors
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01 LBL "CF" ;PPC ROM Curve Fit Routine
02 GTO IND 06
03 LBL 01
04 LBL A
05 CF 10
06 LBL 08
07 X<>Y
08 SREG 13 ;SigmaREG
09 STO L
10 FC? 10
11 S+ ;Sigma+
12 FS? 10
13 S- ;Sigma-
14 X<> L
15 ENTER
16 STO 08
17 X>0?
18 LN
19 RCL Z
20 STO 09
21 X>0?
22 LN
23 ST* Z
24 X<>Y
25 ST* T
26 SREG 19 ;SigmaREG
27 FC? 10
28 S+ ;Sigma+
29 FS? 10
30 S- ;Sigma-
31 R^
32 FS? 10
33 CHS
34 ST+ 12
35 R^
36 FS? 10
37 CHS
38 ST+ 11
39 RCL 08
40 R^
41 SIGN
42 ST+ L
43 X<> 09
44 X<> L
45 RTN
46 RCL 08
47 RCL 09
48 LBL 06
49 LBL a
50 SF 10
51 GTO 08
52 LBL 02
53 LBL B
54 CF 08
55 CF 09
56 STO 07
57 2
58 X<Y?
59 SF 09
60 /
61 FRC
62 X=0?
63 SF 08
64 8
65 ST+ 07
66 XEQ IND 07
67 RCL 17
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68 RCL 13
69 RCL 15
70 STO 09
71 *
72 RCL 18
73 /
74 -
75 STO 10
76 RCL 14
77 RCL 13
78 X^2
79 RCL 18
80 /
81 -
82 STO Z
83 /
84 STO 08
85 RCL 13
86 *
87 ST- 09
88 X<>Y
89 RCL 16
90 RCL 15
91 X^2
92 RCL 18
93 ST/ 09
94 /
95 -
96 *
97 SQRT
98 ST/ 10
99 XEQ IND 07
100 8
101 ST- 07
102 RCL 10
103 RCL 09
104 FS? 08
105 E^X
106 STO 09
107 RCL 08
108 RTN
109 LBL 10
110 RCL 11
111 X<> 17
112 STO 11
113 LBL 13
114 RCL 21
115 X<> 15
116 STO 21
117 RCL 22
118 X<> 16
119 STO 22
120 LBL 09
121 RTN
122 LBL 11
123 RCL 12
124 X<> 17
125 STO 12
126 LBL 14
127 RCL 19
128 X<> 13
129 STO 19
130 RCL 20
131 X<> 14
132 STO 20
133 RTN
134 LBL 12
135 RCL 23
136 X<> 17
137 STO 23
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```
138 XEQ 14
139 GTO 13
140 LBL 03
141 LBL C
142 FS? 09
143 LN
144 RCL 08
145 *
146 RCL 09
147 FS? 08
148 LN
149 +
150 FS? 08
151 E^X
152 RTN
153 LBL 04
154 LBL D
155 FS? 08
156 LN
157 RCL 09
158 FS? 08
159 LN
160 -
161 RCL 08
162 /
163 FS? 09
164 E^X
165 RTN
166 LBL 00
167 LBL e
168 11.024
169 XEQ "BC" ;PPC ROM Block Clear (V7N10P9 BC Line 1)
170 E
171 RTN
172 LBL 05
173 LBL E
174 .
175 STO 25
176 4
177 STO 07
178 LBL 07
179 RCL 07
180 XEQ B
181 RCL 25
182 RCL 10
183 ABS
184 X<=Y?
185 GTO 15
186 STO 25
187 RCL 07
188 STO 26
189 LBL 15
190 DSE 07
191 GTO 07
192 RCL 26
193 RTN
194 END
```

0126C000F3004346AE0602CF66A90A0971990D9174AD0A47AC
0A48CE7483386450907139645094717194709913AD0A47AC0A
4874AC0A54920C74AC0A54920B28747A9274CE09CE74852829
07CF7BA80AB90003CF67A908A909371244A809436967A80818
9207AE8790112D2F3942901243413A2E2D5190124341917143
382D4293097190102F519012950943414252950AAE87189307
2A29AC08553928850B2BCE113B0E9015CE0F91159016CE1091
160A850C2CCE113C0F9013CE0D91139014CE0E9114850D9017
CE119117E0000EBE0004CF68AC0950284229AC085040AC0855
8505CF69AC085029AC0850412843AC09558501CF7F11111A10
12141EF242431B8506CF6A1A911914370827E0006790192A61
46D0000F911927911ACF0F9707B800901A85C0000DA9

294 BYTES

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Program Registers Needed: 42

Row 1 (1 - 5)



Row 2 (6 - 14)



Row 3 (14 - 24)



Row 4 (25 - 32)



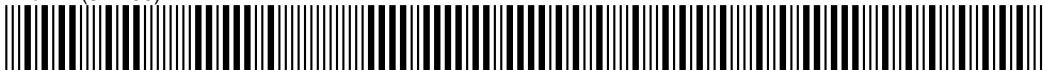
Row 5 (33 - 42)



Row 6 (42 - 50)



Row 7 (51 - 59)



Row 8 (59 - 67)



Row 9 (68 - 79)



Row 10 (79 - 89)



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Row 11 (89 - 98)



Row 12 (99 - 108)



Row 13 (109 - 117)



Row 14 (117 - 126)



Row 15 (127 - 133)



Row 16 (134 - 140)



Row 17 (141 - 150)



Row 18 (150 - 159)



Row 19 (160 - 168)



Row 20 (168 - 174)



Row 21 (175 - 183)



Row 22 (184 - 190)



Row 23 (191 - 194)

