

```
01 LBL "IG" ;PPC ROM Integration Routine
02 LBL B
03 STO 14
04 X<>Y
05 -
06 4
07 /
08 STO 13
09 ST- 14
10 ST- 14
11 .
12 STO 12
13 STO 07
14 STO 15
15 LBL 01
16 E
17 2
18 STO 10
19 RCL 07
20 CHS
21 Y^X
22 ST* 10
23 E
24 -
25 LBL 02
26 STO 08
27 X^2
28 -
29 STO 09
30 2
31 +
32 RCL 08
33 *
34 RCL 13
35 *
36 RCL 14
37 +
38 XEQ IND 11
39 RCL 09
40 *
41 ST+ 12
42 E
43 RCL 08
44 RCL 10
45 +
46 X<Y?
47 GTO 02
48 RCL 07
49 STO 09
50 15
51 STO 08
52 E
53 ST+ 07
54 RCL 12
55 RCL 13
56 1.5
57 *
58 *
59 RCL 10
60 *
61 LBL 03
62 R^
63 4
64 *
65 ENTER
66 DSE Y
67 X<> Z
```

```

68 ENTER
69 X<> IND 08
70 ST- Y
71 RND
72 X<> Z
73 /
74 RCL IND 08
75 +
76 ISG 08
77 STOP
78 DSE 09
79 GTO 03
80 STO IND 08
81 FS? 10
82 VIEW X
83 RND
84 X#Y?
85 GTO 01
86 LASTX
87 RTN
88 LBL "SV" ;PPC ROM Solve by Newton's Secant Method
89 LBL C
90 STO 12
91 E
92 %
93 RCL Z
94 X=0?
95 X<>Y
96 STO 14
97 CLST
98 LBL 04
99 RCL Z
100 STO 13
101 RCL 12
102 FS? 10
103 VIEW X
104 XEQ IND 11
105 ST* 14
106 ST- 13
107 RCL 14
108 RCL 13
109 X#0?
110 /
111 STO 14
112 X<> 12
113 ST+ 12
114 RND
115 RCL 12
116 RND
117 X#Y?
118 GTO 04
119 RCL 12
120 RTN
121 LBL "FD" ;PPC ROM First Derivative of a Function
122 LBL D
123 STO 12
124 RCL 13
125 +
126 XEQ IND 11
127 ST+ X
128 STO 14
129 RCL 12
130 RCL 13
131 ST+ X
132 +
133 XEQ IND 11
134 ST- 14
135 9
136 ST* 14
137 RCL 12

```

```

138 XEQ IND 11
139 11
140 *
141 ST- 14
142 RCL 12
143 RCL 13
144 3
145 *
146 +
147 XEQ IND 11
148 ST+ X
149 RCL 14
150 +
151 RCL 13
152 6
153 *
154 /
155 RTN
156 END

```

```

00DDC000F3004947CF673E714114433D930E930E1A3C373F02
1B00123A275453940A1B410338514139124028422D422E40AE
8B2942920C1B282A4044B30027391115381B92072C2D111A15
42422A4204741442839772CE7183CE8893726ECE7143908840
9608849709B4009188AC0A98736E79B2007685C000F3005356
CF683C1B4C907167713E730590713D2CAC0A9873AE8B940E93
0D2E2D63433ECE0C920C6E2C6E79B5002C85C000F3004644CF
693C2D40AE8B92733E2C2D927340AE8B930E19940E2CAE8B11
1142930E2C2D134240AE8B92732E402D16424385C0000D30

```

221 BYTES

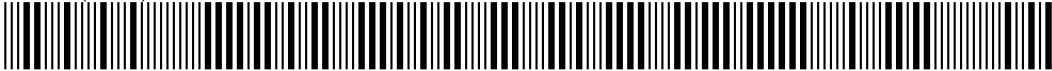
HP-41C PPC ROM Math Routines 6 by Various Authors PPC V7N10P10 Dec 1980

Program Registers Needed: 32

Row 1 (1 - 7)



Row 2 (8 - 17)



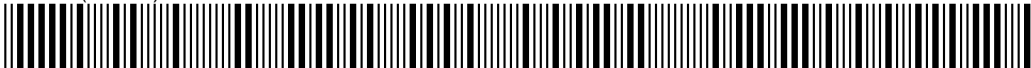
Row 3 (18 - 29)



Row 4 (30 - 41)



Row 5 (41 - 51)



Row 6 (52 - 61)



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Row 7 (62 - 70)



Row 8 (71 - 79)



Row 9 (79 - 87)



Row 10 (88 - 93)



Row 11 (94 - 103)



Row 12 (104 - 112)



Row 13 (113 - 121)



Row 14 (121 - 128)



Row 15 (129 - 137)



Row 16 (138 - 147)



Row 17 (147 - 156)

