

```
01 LBL "FR"      ;PPC ROM Fractional Arithmetic Package
02 GTO IND 06
03 LBL 02
04 LBL B
05 CHS
06 LBL 01
07 LBL A
08 ST* T
09 X<> Z
10 *
11 ST+ Z
12 X<> L
13 *
14 GTO 05
15 LBL 04
16 LBL D
17 X<>Y
18 LBL 03
19 LBL C
20 ST* Z
21 X<> T
22 *
23 X<>Y
24 LBL 05
25 LBL E
26 RCL Y
27 RCL Y
28 XEQ 06
29 ST/ Z
30 /
31 FC? 10
32 RTN
33 " "
34 ARCL Y
35 ">"/"
36 ARCL X
37 AVIEW
38 RTN
39 LBL 06
40 LBL c
41 MOD
42 LASTX
43 X<>Y
44 X#0?
45 GTO c
46 +
47 RTN
48 LBL "DF"      ;PPC ROM Decimal to Fraction Routine
49 LBL d
50 STO 08
51 INT
52 .
53 STO 09
54 E
55 STO 10
56 RCL 08
57 R^
58 X=Y?
59 GTO 08
60 ST- Y
61 LBL 07
62 RDN
63 1/X
64 ENTER
65 INT
66 -
67 RCL 09
```

```

68 RCL 10
69 STO 09
70 LASTX
71 *
72 +
73 STO 10
74 RCL 08
75 *
76 FIX 0
77 RND
78 STO Z
79 RCL 10
80 /
81 RCL 08
82 -
83 FIX IND 07
84 RND
85 X#0?
86 GTO 07
87 RCL Z
88 LBL 08
89 RCL 10
90 SIGN
91 ST* 10
92 *
93 RCL 10
94 RTN
95 LBL "NP" ;PPC ROM Next Prime Routine
96 LBL e
97 RCL Y
98 RCL Y
99 /
100 X<Y?
101 GTO 09
102 FRC
103 X=0?
104 GTO 10
105 RDN
106 2
107 X=Y?
108 DSE X
109 +
110 GTO e
111 LBL 09
112 RDN
113 LBL 10
114 RDN
115 RTN
116 ST/ Y
117 GTO e
118 LBL a
119 LBL "GN" ;PPC ROM Gaussian Random Number Generator
120 XEQ b
121 LN
122 ST+ X
123 CHS
124 SQRT
125 X<>Y
126 XEQ b
127 360
128 *
129 R^
130 RCL 07
131 *
132 P-R
133 RCL 06
134 ST+ Z
135 +
136 RTN
137 LBL b

```

```

138 LBL "RN" ;PPC ROM Random Number Generator
139 RCL IND X
140 9821
141 *
142 .211327
143 +
144 FRC
145 STO IND Y
146 RTN
147 END

```

```

00F2C000F3004652AE0603CF675402CF669470CE71429271CE
7442B60005CF697104CF689471CE70427106CF6A90729072E0
0006957143AD0A85F1209B72F27F2F9B737E8507CF7D4B7671
63D0007D4085C000F3004446CF7E38681A391B3A287478B900
9372087560836841292A397642403A28429C006E91712A4328
419C876E63B8009071092A7A940A422A85C000F3004E50CF7F
907290724344BA006967BB00751278977340D0007F0A750B75
859572D0007FCF7BC000F300474EE0007C509273545271E000
7C131610427427424E2692714085CF7CC000F300524E90F319
181211421A121111131217406991F285C0000D57

```

242 BYTES

## HP-41C PPC ROM Math Routines 5 by Various Authors PPC V7N10P10 Dec 1980

Program Registers Needed: 35

Row 1 (1 - 6)



Row 2 (7 - 14)



Row 3 (14 - 22)



Row 4 (23 - 29)



Row 5 (30 - 36)



Row 6 (37 - 46)



Row 7 (47 - 53)



Row 8 (54 - 64)



Row 9 (65 - 76)



# HP-41C PPC ROM Math Routines 5 by Various Authors PPC V7N10P10 Dec 1980

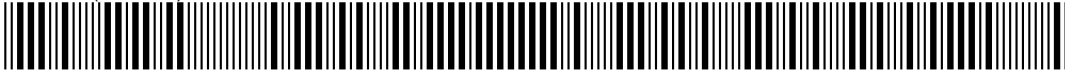
Row 10 (77 - 86)



Row 11 (87 - 95)



Row 12 (95 - 101)



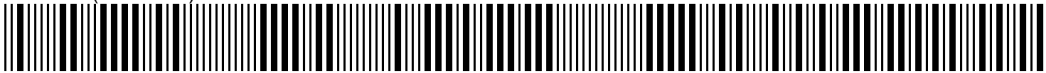
Row 13 (102 - 110)



Row 14 (111 - 119)



Row 15 (119 - 124)



Row 16 (125 - 133)



Row 17 (134 - 139)



Row 18 (139 - 142)



Row 19 (143 - 147)

