

```
01 LBL "M1"      ;PPC ROM Mathematics 1 Routines
02 GTO IND 06 ;by John Kennedy (918)
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 " "
32 ARCL Y
33 ">"/"
34 ARCL X
35 AVIEW
36 RTN
37 LBL 06
38 LBL c
39 MOD
40 LASTX
41 X<>Y
42 X#0?
43 GTO c
44 +
45 RTN
46 LBL "DF" ;Decimal to Fraction Routine
47 LBL d
48 STO 08
49 INT
50 0
51 STO 09
52 1
53 STO 10
54 RCL 08
55 R^
56 X=Y?
57 GTO 08
58 ST- Y
59 LBL 07
60 RDN
61 1/X
62 ENTER
63 INT
64 -
65 RCL 09
66 RCL 10
67 STO 09
```

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68 LASTX
69 *
70 +
71 STO 10
72 RCL 08
73 *
74 FIX 0
75 RND
76 STO Z
77 RCL 10
78 /
79 RCL 08
80 -
81 FIX IND 07
82 RND
83 X#0?
84 GTO 07
85 RCL Z
86 LBL 08
87 RCL 10
88 SIGN
89 ST* 10
90 *
91 RCL 10
92 RTN
93 LBL "PD" ;Prime Divisor Routine
94 LBL e
95 RCL Y
96 RCL Y
97 /
98 X<Y?
99 GTO 09
100 FRC
101 X=0?
102 GTO 10
103 CLX
104 2
105 X=Y?
106 DSE X
107 +
108 GTO "PD" ;Prime Divisor Routine (Line 93)
109 LBL 09
110 RDN
111 LBL 10
112 RDN
113 RTN
114 ST/ Y
115 GTO "PD" ;Prime Divisor Routine (Line 93)
116 LBL a
117 LBL "RN" ;Random Number Generator Routine
118 RCL IND X
119 9821
120 *
121 .211327
122 +
123 FRC
124 STO IND Y
125 RTN
126 LBL b
127 LBL "GN" ;Gaussian Random Number Generator
128 XEQ "RN" ;Random Number Generator (Line 117)
129 LN
130 ST+ X
131 CHS
132 SQRT
133 X<>Y
134 XEQ "RN" ;Random Number Generator (Line 117)
135 360
136 *
137 R^

```

138 RCL 07
139 *
140 P-R
141 RCL 06
142 ST+ Z
143 +
144 RTN
145 END

00F3C000F3004D31AE0603CF675402CF669470CE71429271CE
7442B60005CF697104CF689471CE70427106CF6A90729072E0
0006957143F1209B72F27F2F9B737E8507CF7D4B767163D000
7D4085C000F3004446CF7E38681039113A287478B900937208
7560836841292A397642403A28429C006E91712A4328419C87
6E63B8009071092A7A940A422A85C000F3005044CF7F907290
724344BA006967BB007712789773401DF250440A750B758595
721DF25044CF7BC000F300524E90F319181211421A12111113
1217406991F285CF7CC000F300474E1EF2524E509273545271
1EF2524E131610427427424E2692714085C0000D36

243 BYTES

HP-41C PPC ROM Mathematics 1 by Various Authors PPC V7 N9 P14 Nov 1980

Program Registers Needed: 35

Row 1 (1 - 6)



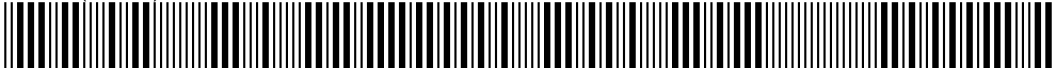
Row 2 (7 - 14)



Row 3 (14 - 22)



Row 4 (23 - 29)



Row 5 (30 - 37)



Row 6 (38 - 46)



Row 7 (46 - 54)



Row 8 (55 - 65)



Row 9 (66 - 76)



Row 10 (77 - 86)



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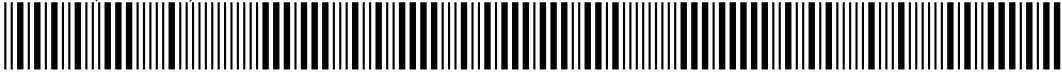
Row 11 (87 - 93)



Row 12 (94 - 102)



Row 13 (102 - 110)



Row 14 (111 - 117)



Row 15 (117 - 121)



Row 16 (121 - 127)



Row 17 (127 - 131)



Row 18 (132 - 139)



Row 19 (140 - 145)

