

HP-41C PPC ROM General Math 1 by PPC ROM Authors
PPC Calculator Journal Vol 7 N8 P11 October 1980

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01 LBL "HYP" ;Hyperbolic Functions Package
02 GTO IND 06 ;by Roger Hill (4940) and John Kennedy (918)
03 LBL 01
04 E^X
05 ENTER
06 1/X
07 -
08 2
09 /
10 RTN
11 LBL 02
12 E^X
13 ENTER
14 1/X
15 +
16 2
17 /
18 RTN
19 LBL 03
20 E^X
21 ENTER
22 ENTER
23 1/X
24 ST- Z
25 +
26 /
27 RTN
28 LBL 04
29 ENTER
30 X^2
31 1
32 +
33 SQRT
34 +
35 LN
36 RTN
37 LBL 05
38 ENTER
39 X^2
40 1
41 -
42 SQRT
43 +
44 LN
45 RTN
46 LBL 06
47 1
48 X<>Y
49 +
50 1
51 LASTX
52 -
53 /
54 SQRT
55 LN
56 RTN
57 LBL "CAL" ;Calendar Routine
58 FRC ;by Fred Wheeler (1150) V4N5P20,P26
59 3
60 LASTX
61 INT
62 1
63 +
64 X>Y?
65 GTO 07
66 +
67 1 E-6
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68 ST- T
69 CLX
70 9
71 +
72 LBL 07
73 30.6
74 *
75 INT
76 1 E2
77 R^
78 *
79 ENTER
80 INT
81 ST+ Z
82 -
83 1 E2
84 *
85 INT
86 CHS
87 36525
88 LASTX
89 *
90 ST+ Z
91 X<> L
92 4
93 /
94 INT
95 1720997
96 +
97 +
98 +
99 INT
100 RTN
101 LBL "BT" ;Convert Base b to Base 10
102 1 ;by Roger Hill (4940) and John Kennedy (918)
103 STO 08
104 CLX
105 STO 07
106 LBL 08
107 CLX
108 >"\00\07*****" ;Append 0007 hex, 4 asterisks
109 X<> O
110 X<> L
111 CLX
112 X<> N
113 >"*****" ;Append 3 asterisks
114 X<> M
115 X<> L
116 X<> N
117 1 E1
118 X<>Y
119 *
120 X=0?
121 GTO 09
122 LASTX
123 INT
124 27
125 +
126 -
127 RCL 08
128 *
129 ST+ 07
130 RCL 06
131 ST* 08
132 GTO 08
133 LBL 09
134 RCL 07
135 RTN
136 LBL "GRN" ;Gaussian Random Number Generator by Kyoshi Akima (3456)
137 XEQ "RNG" ;Random Number Generator (V7N8P11 FRAC Line 40)

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138 LN
139 ST+ X
140 CHS
141 SQRT
142 X<>Y
143 XEQ "RNG" ;Random Number Generator (V7N8P11 FRAC Line 40)
144 360
145 *
146 R^
147 RCL 07
148 *
149 P-R
150 RCL 06
151 ST+ Z
152 +
153 RTN
154 END

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00F2C000F400485950AE060255836041124385035583604012
43850455838360937140438505835111405240508506835111
41524050850711714011764143525085C000F40043414C6913
7668114045B80040111B1C1693707719400813101A16426811
1B1274428368927141111B12426854131615121576429271CE
74144368111712101919174040406885C000F3004254113877
370977F77F00072A2A2A2ACE77CE7477CE76F47F2A2A2ACE75
CE74CE76111B11714267BA0076681217404128429207269408
B9000A2785C000F40047524E1EF3524E475092735452711EF3
524E47131610427427424E2692714085C0000D47

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242 BYTES

HP-41C PPC ROM Gen. Math 1 by PPC ROM Authors PPC V7 N7 P11 Oct 1980

Program Registers Needed: 35

Row 1 (1 - 6)



Row 2 (7 - 19)



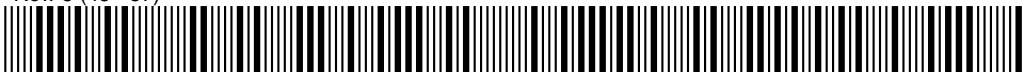
Row 3 (20 - 31)



Row 4 (32 - 44)



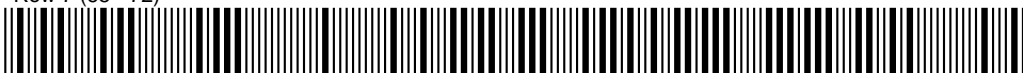
Row 5 (45 - 57)



Row 6 (57 - 64)



Row 7 (65 - 72)



Row 8 (73 - 80)



Row 9 (81 - 87)



Row 10 (87 - 95)



Row 11 (95 - 101)



Row 12 (101 - 108)



Row 13 (108 - 113)



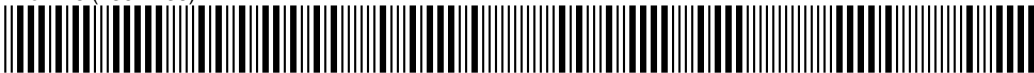
Row 14 (113 - 119)



Row 15 (120 - 129)



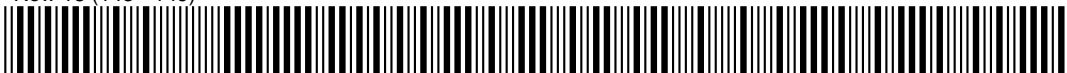
Row 16 (130 - 136)



Row 17 (136 - 142)



Row 18 (143 - 149)



Row 19 (150 - 154)

