

```
01 LBL "BT" ;Convert from Base b to Base 10
02 LBL A      ;by George Eldridge (5575)
03 CLST
04 LBL 01
05 >" "
06 X<> O
07 X=0?
08 GTO 01
09 X<> M
10 R^
11 X<> N
12 >"\00\08" ;Append 1 null, 08 hex
13 X<> N
14 RDN
15 X<> M
16 1 E
17 *
18 39
19 -
20 X>0?
21 DSE X
22 9
23 +
24 X<0?
25 GTO 02
26 X<>Y
27 RCL 06
28 *
29 +
30 .
31 GTO 01
32 LBL 02
33 RDN
34 CLA
35 RTN
36 LBL "TB" ;Convert from Base 10 to Base b
37 LBL B      ;by George Eldridge (5575)
38 "'        " ;Apostrophe, 13 spaces
39 RCL M
40 X<>Y
41 LBL 03
42 ENTER
43 INT
44 RCL 06
45 MOD
46 9
47 -
48 X>0?
49 ISG X
50 LBL 04
51 39
52 +
53 10^X
54 STO O
55 >"      " ;Append 6 spaces
56 CLX
57 X<> O
58 X<> N
59 STO M
60 RDN
61 RCL 06
62 /
63 INT
64 X#0?
65 GTO 03
66 LBL 05
67 >" " ;Append 1 space
```

```

68 CLX
69 RCL M
70 X#Y?
71 GTO 05
72 CLX
73 X<> O
74 X<> N
75 STO M
76 CLST
77 AVIEW
78 RTN
79 LBL "PM" ;Permutations Routine
80 LBL C ;by Keith Jarett (4360) and John Kennedy (918)
81 CHS
82 X<>Y
83 SIGN
84 X<> L
85 ST+ Y
86 LBL 06
87 X=Y?
88 GTO 07
89 ST* L
90 DSE X
91 GTO 06
92 LBL 07
93 RDN
94 X<> L
95 RTN
96 LBL "CM" ;Combination Routine
97 LBL D ;by Keith Jarett (4360) and John Kennedy (918)
98 RCL Y
99 RCL Y
100 X#Y?
101 -
102 X>Y?
103 X<>Y
104 ST+ T
105 SIGN
106 X<>Y
107 LBL 08
108 X<>Y
109 LASTX
110 ST- Y
111 /
112 ST* Y
113 DSE L
114 GTO 08
115 RDN
116 RTN
117 LBL "JD" ;Julian Date Routine
118 LBL E ;by Fred Wheeler (1150) V4N5P20,P26
119 FRC
120 3
121 LASTX
122 INT
123 1
124 +
125 X>Y?
126 GTO 08
127 +
128 1 E-6
129 ST- T
130 RDN
131 9
132 +
133 LBL 09
134 30.6
135 *
136 INT
137 1 E2

```

```

138 R^
139 *
140 ENTER
141 INT
142 ST+ Z
143 -
144 1 E2
145 *
146 INT
147 CHS
148 36525
149 LASTX
150 *
151 ST+ Z
152 X<> L
153 4
154 /
155 INT
156 1720997
157 +
158 +
159 +
160 INT
161 RTN
162 END

```

```

011DC000F3004254CF667302F27F20CE7767B200CE7574CE76
F37F0008CE7675CE75111B42131941649773194066B3007126
42401AB20003758785C000F3005442CF67FE27202020202020
20202020202020907571048368264B19416496730513194057
9177F77F20202020202077CE77CE7691757526436863B40006
F27F2077907579B60077CE77CE769175737E85C000F300504D
CF6854717ACE7492720778B80094749773B7000875CE7485C0
00F300434DCF69907290727941457192707A71097176937243
94729774B9007585C000F3004A44CF6A69137668114045B900
40111B1C1693707519400A13101A164268111B127442836892
7141111B12426854131615121576429271CE74144368111712
101919174040406885C0000DEB

```

285 BYTES

HP-41C PPC ROM Mathematics 2 by Various Authors PPC V7 N9 P14 Nov 1980

Program Registers Needed: 41

Row 1 (1 - 5)



Row 2 (6 - 12)



Row 3 (12 - 20)



Row 4 (21 - 31)



Row 5 (31 - 37)



HP-41C PPC ROM Mathematics 2 by Various Authors PPC V7 N9 P14 Nov 1980

Row 6 (38)



Row 7 (38 - 48)



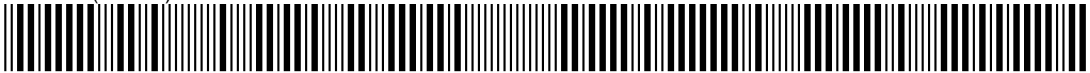
Row 8 (49 - 55)



Row 9 (55 - 61)



Row 10 (62 - 70)



Row 11 (71 - 79)



Row 12 (79 - 85)



Row 13 (85 - 93)



Row 14 (94 - 98)



Row 15 (99 - 109)



Row 16 (110 - 117)



Row 17 (117 - 125)



Row 18 (126 - 133)



Row 19 (134 - 141)



Row 20 (142 - 148)



Row 21 (148 - 156)



Row 22 (156 - 162)

