

HP-41C Routine Listing of 8K PPC Custom ROM FI
PPC Calculator Journal V8 N2 P3/5 Mar-Apr 1981
Including line changes to match PPC Custom ROM

```
01 LBL "FI"      ;Financial Calculations - XROM 10,63
02 GTO IND 06
03 LBL e         ;Clear Financial Registers
04 LBL 00
05 E
06 STO 08
07 STO 09
08 CLX
09 STO 01
10 STO 02
11 STO 03
12 STO 04
13 STO 05
14 GTO 10
15 LBL c         ;Continuous or Discrete Compounding
16 FC?C 08
17 SF 08
18 GTO 10
19 LBL d         ;Beginning or End of Period Payments
20 FC?C 09
21 SF 09
22 LBL J         ;Status of Compounding and Periodic Payments
23 LBL 10
24 "D"          ;1st Letter D = Discrete Compounding
25 FS? 08
26 "C"          ;1st Letter C = Continuous Compounding
27 FC? 09
28 ">"E"        ;2nd Letter E = End of Period Payments
29 FS? 09
30 ">"B"        ;2nd Letter B = Beginning of Period Payments
31 ASTO X
32 RTN
33 LBL H         ;Compounding Frequency during Period
34 STO 08
35 CF 22
36 RTN
37 LBL I         ;Payment Frequency during Period
38 STO 09
39 CF 22
40 RTN
41 LBL a         ;Multiply X register by 12, store as n
42 12
43 *
44 LBL A         ;Enter or Solve for n (Number of Periods)
45 FS? 22
46 STO 01
47 FS?C 22
48 RTN
49 LBL 01
50 XEQ 07
51 STO Z
52 RCL 05
53 -
54 R^
55 RCL 03
56 +
57 /
58 LN
59 RCL 07
60 LN1+X
61 /
62 STO 01
63 RTN
64 LBL b         ;Divide X Register by 12, store as i
65 12
66 /
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67 LBL B      ;Enter or Solve for i (Interest Rate)
68 FS? 22
69 STO 02
70 FS?C 22
71 RTN
72 LBL 02
73 RCL 03
74 ABS
75 RCL 05
76 ABS
77 +
78 RCL 04
79 X=0?
80 GTO 09
81 /
82 ABS
83 1/X
84 LASTX
85 RCL 01
86 3
87 Y^X
88 /
89 +
90 STO 07
91 LBL 06
92 XEQ 08
93 STO 02
94 RCL 03
95 +
96 STO Z
97 X<>Y
98 ST* 02
99 *
100 RCL 03
101 +
102 RCL 05
103 +
104 X<> Z
105 *
106 RCL 07
107 FS? 10      ;These two lines not present
108 VIEW X      ;in original V8 N2 P3/5 pgm.
109 E
110 +
111 /
112 RCL 01
113 *
114 RCL 02
115 RCL 07
116 /
117 -
118 /
119 ST- 07
120 RCL 07
121 /      ;FS? 10  <-PPC V8 N2 Pg3/5
122 E2      ;VIEW 07 <-These six lines
123 *      ;/      <-originally were
124 RND      ;ABS      <-in place of the
125 X#0?      ; E-8      <-lines 121 - 125
126 GTO 06      ;X<Y?      <-in code at left
127 GTO 11
128 LBL 07
129 E
130 RCL 02
131 %
132 RCL 08
133 RCL 09
134 FS? 08
135 X<>Y
136 RDN

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137 /
138 STO 07
139 LN1+X
140 RCL 08
141 RCL 09
142 /
143 *
144 FS? 08
145 X<> 07
146 E^X-1
147 STO 07
148 LBL 08
149 E
150 RCL 07
151 FS? 09
152 ST+ Y
153 /
154 E
155 RCL 01
156 RCL 07
157 LN1+X
158 *
159 E^X-1
160 +
161 LASTX
162 RCL 04
163 R^
164 *
165 RTN
166 LBL 09
167 RCL 05
168 RCL 03
169 /
170 CHS
171 LN
172 RCL 01
173 /
174 E^X-1
175 STO 07
176 LBL 11
177 CLD
178 RCL 07
179 LN1+X
180 RCL 09
181 *
182 RCL X
183 RCL 08
184 /
185 E^X-1
186 RCL 08
187 *
188 FS? 08
189 X<>Y
190 E2
191 *
192 STO 02
193 RTN
194 LBL C      ;Enter or Solve for PV (Present Value)
195 FS? 22
196 STO 03
197 FS?C 22
198 RTN
199 LBL 03
200 XEQ 07
201 *
202 RCL 05
203 +
204 R^
205 /
206 CHS

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207 STO 03
208 RTN
209 LBL D      ;Enter or solve for PMT (Periodic Payment)
210 FS? 22
211 STO 04
212 FS?C 22
213 RTN
214 LBL 04
215 XEQ 07
216 X<> L
217 *
218 CHS
219 RCL 03
220 R^
221 *
222 RCL 05
223 +
224 X<>Y
225 /
226 STO 04
227 RTN
228 LBL E      ;Enter or solve for FV (Future Value)
229 FS? 22
230 STO 05
231 FS?C 22
232 RTN
233 LBL 05
234 XEQ 07
235 RCL 03
236 +
237 *
238 RCL 03
239 +
240 CHS
241 STO 05
242 LBL 12
243 END

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0144C000F3004649AE06CF7F011B3839773132333435BB00CF
7DAB08A808BB00CF7EAB09A809CF6F0BF144AC08F143AD09F2
7F45AC09F27F429A7385CF6D38A91685CF6E39A91685CF7B11
1242CF66AC1631AA168502E000079171254174234043502765
433185CF7C111243CF67AC1632AA16850323612561402467BA
004361607621135343403707E0000832234091717194024223
402540CE714227AC0A98731B40432142222743414393072743
1B12426E63B700BC00081B224C2829AC087175433765282943
42AC08CE075837091B27AC099272431B212765425840762474
42850A2523435450214358370C7F2765294290732843582842
AC08711B12423285CF68AC1633AA168504E000074225407443
543385CF69AC1634AA168505E00007CE744254237442254071
433485CF6AAC1635AA168506E00007234042234054350DC000
0DD7

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324 BYTES

Program Registers Needed: 47

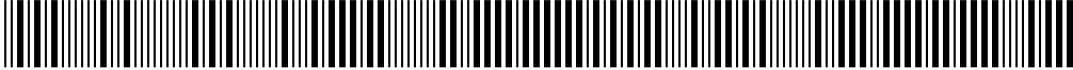
Row 1 (1 - 6)



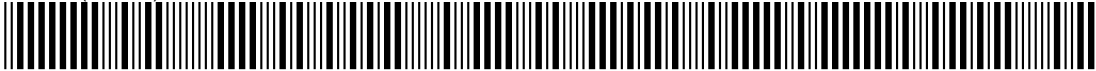
Row 2 (7 - 16)



Row 3 (17 - 23)



Row 4 (24 - 29)



Row 5 (30 - 37)



Row 6 (37 - 45)



Row 7 (45 - 53)



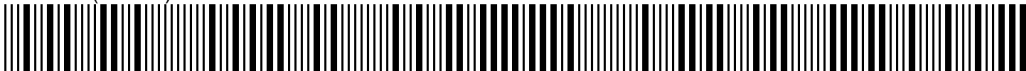
Row 8 (54 - 65)



Row 9 (65 - 74)



Row 10 (75 - 86)



Row 11 (87 - 96)



Row 12 (97 - 107)



Row 13 (107 - 118)



Row 14 (119 - 127)



Row 15 (128 - 139)



Row 16 (140 - 150)



Row 17 (151 - 161)



Row 18 (162 - 174)



Row 19 (175 - 186)



Row 20 (187 - 195)



Row 21 (196 - 205)



Row 22 (206 - 215)



Row 23 (215 - 225)



Row 24 (226 - 234)



Row 25 (234 - 243)

