

```
01 LBL "PI" ;Extended Precision PI
02 CLRG
03 CF 29
04 FIX 0
05 9
06 +
07 10
08 /
09 INT
10 2
11 *
12 5
13 +
14 ARCL IND X
15 5
16 +
17 2
18 /
19 STO 02
20 1.07
21 *
22 5
23 -
24 RND
25 4
26 *
27 1
28 -
29 4 E-5
30 +
31 STO 01
32 LBL 00
33 RCL 01
34 INT
35 ENTER
36 ENTER
37 VIEW X
38 4.3
39 /
40 INT
41 1
42 X>Y?
43 X<>Y
44 RDN
45 CHS
46 RCL 02
47 +
48 1 E3
49 /
50 4
51 +
52 STO 00
53 STO 03
54 RDN
55 239
56 X^2
57 *
58 X<>Y
59 2
60 -
61 ST* Z
62 -
63 0
64 X<>Y
65 4
66 *
67 XEQ 03
```

```
68 239
69 X^2
70 X^2
71 ENTER
72 ENTER
73 RCL 03
74 STO 00
75 CLX
76 DSE 01
77 GTO 04
78 X<>Y
79 239
80 /
81 X<>Y
82 XEQ 06
83 GTO 08
84 LBL 04
85 XEQ 06
86 GTO 00
87 LBL 02
88 1 E5
89 *
90 ENTER
91 R^
92 ST/ Z
93 MOD
94 X<>Y
95 INT
96 1 E5
97 ST* Z
98 *
99 X<>Y
100 LBL 03
101 ENTER
102 R^
103 ST/ Z
104 MOD
105 LASTX
106 X<>Y
107 R^
108 R^
109 INT
110 +
111 1 E10
112 -
113 RCL IND 00
114 +
115 X<0?
116 GTO 04
117 1
118 ST- 00
119 ST+ IND 00
120 ST+ 00
121 CLX
122 +
123 GTO 05
124 LBL 04
125 1 E10
126 +
127 LBL 05
128 STO IND 00
129 CLX
130 +
131 ISG 00
132 GTO 02
133 RTN
134 LBL 06
135 1 E5
136 *
137 ENTER
```

138 R^
139 ST/ Z
140 MOD
141 X<>Y
142 INT
143 1 E5
144 X>Y?
145 GTO 07
146 /
147 INT
148 1
149 ST- 00
150 X<>Y
151 ST+ IND 00
152 RDN
153 ST+ 00
154 CLX
155 LASTX
156 FRC
157 1 E5
158 *
159 LASTX
160 LBL 07
161 *
162 X<> IND 00
163 LASTX
164 /
165 INT
166 ST+ Y
167 X<> L
168 FRC
169 X<>Y
170 1 E5
171 ST* Z
172 *
173 ENTER
174 R^
175 ST/ Z
176 MOD
177 LASTX
178 RDN
179 X<>Y
180 INT
181 ST+ IND 00
182 CLX
183 +
184 +
185 ISG 00
186 GTO 06
187 RTN
188 LBL 08
189 SF 29
190 RCL 02
191 RCL 03
192 INT
193 -
194 ST+ 02
195 1.2
196 *
197 .9
198 -
199 RND
200 12
201 *
202 1
203 -
204 6 E-5
205 +
206 STO 01
207 LBL 09

```
208 RCL 01
209 INT
210 VIEW X
211 14.3
212 /
213 INT
214 1
215 X>Y?
216 X<>Y
217 RDN
218 CHS
219 RCL 02
220 +
221 LASTX
222 2
223 ST/ Y
224 +
225 X<>Y
226 1 E3
227 /
228 +
229 STO 00
230 STO 03
231 SF 00
232 LBL 10
233 RCL 01
234 INT
235 ENTER
236 ENTER
237 ENTER
238 2
239 -
240 ST* Z
241 25
242 ST* Z
243 X<>Y
244 *
245 2
246 ST- L
247 CLX
248 LASTX
249 ST* T
250 ST- Y
251 RDN
252 *
253 R^
254 ST+ T
255 X^2
256 R^
257 +
258 +
259 FS? 00
260 GTO 04
261 5 E6
262 *
263 .75
264 GTO 05
265 LBL 04
266 DSE 01
267 40
268 *
269 6
270 LBL 05
271 ST/ Z
272 CLX
273 X<>Y
274 XEQ 12
275 RCL 03
276 STO 00
277 FS?C 00
```

278 GTO 10
279 125
280 X^2
281 X^2
282 ENTER
283 ENTER
284 0
285 DSE 01
286 GTO 07
287 3
288 ST* Z
289 ST* T
290 RDN
291 XEQ 06
292 GTO 13
293 LBL 07
294 XEQ 06
295 GTO 09
296 LBL 11
297 ENTER
298 R^
299 ST/ Z
300 MOD
301 X<>Y
302 INT
303 X<>Y
304 1 E5
305 ST* Z
306 *
307 LBL 12
308 ENTER
309 R^
310 ST/ Z
311 MOD
312 X<>Y
313 LASTX
314 RDN
315 INT
316 ST+ Z
317 CLX
318 +
319 1 E5
320 *
321 X<>Y
322 RCL IND 00
323 -
324 X<0?
325 X>0?
326 GTO 04
327 1
328 ST- 00
329 ST- IND 00
330 ST+ 00
331 CLX
332 1 E10
333 +
334 LBL 04
335 STO IND 00
336 RDN
337 ISG 00
338 GTO 11
339 RTN
340 LBL 13
341 RCL 03
342 FRC
343 LASTX
344 INT
345 1
346 -
347 STO 00

348 1 E3
349 ST* Z
350 /
351 STO 01
352 +
353 STO 03
354 CLX
355 LBL 14
356 RCL IND 03
357 X<>Y
358 -
359 RCL IND 00
360 -
361 0
362 X<>Y
363 X<0?
364 X>0?
365 GTO 05
366 1 E10
367 +
368 1
369 X<>Y
370 LBL 05
371 STO IND 00
372 RDN
373 DSE 00
374 DSE 03
375 GTO 14
376 BEEP
377 RTN
378 LBL 01
379 RCL 01
380 4
381 +
382 STO 00
383 VIEW IND 00
384 PSE
385 ISG 00
386 FIX 5
387 LBL 15
388 RCL IND 00
389 1 E5
390 /
391 VIEW X
392 ISG 00
393 GTO 15
394 BEEP
395 RTN
396 GTO 01
397 END

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B8

573 BYTES

HP-41C Extended Precision PI by Ron Knapp PPC V7 N5 P10 June 1980

Program Registers Needed: 82

Row 1 (1 - 6)



Row 2 (7 - 17)



Row 3 (18 - 27)



Row 4 (28 - 37)



Row 5 (37 - 47)



Row 6 (48 - 56)



Row 7 (57 - 67)



Row 8 (67 - 76)



Row 9 (77 - 83)



Row 10 (84 - 91)



Row 11 (92 - 100)



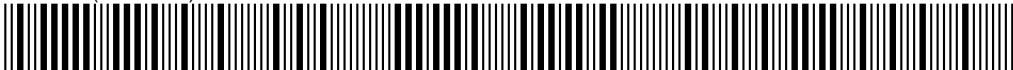
Row 12 (101 - 111)



Row 13 (111 - 119)



Row 14 (119 - 126)



Row 15 (127 - 135)

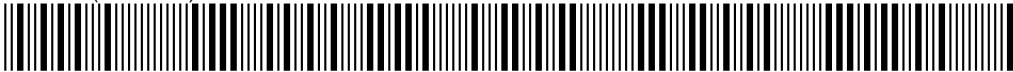


Row 16 (135 - 144)



HP-41C Extended Precision PI by Ron Knapp PPC V7 N5 P10 June 1980

Row 17 (145 - 153)



Row 18 (154 - 163)



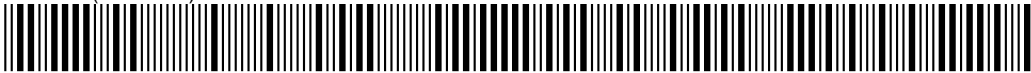
Row 19 (164 - 171)



Row 20 (172 - 182)



Row 21 (183 - 192)



Row 22 (193 - 200)



Row 23 (201 - 210)



Row 24 (210 - 219)



Row 25 (220 - 229)



Row 26 (230 - 240)



Row 27 (241 - 249)



Row 28 (250 - 259)



Row 29 (260 - 266)



Row 30 (266 - 274)



Row 31 (275 - 283)



Row 32 (284 - 291)



Row 33 (291 - 299)



HP-41C Extended Precision PI by Ron Knapp PPC V7 N5 P10 June 1980

Row 34 (299 - 308)



Row 35 (309 - 319)



Row 36 (319 - 328)



Row 37 (328 - 335)



Row 38 (335 - 345)



Row 39 (346 - 355)



Row 40 (356 - 365)



Row 41 (366 - 373)



Row 42 (374 - 383)



Row 43 (384 - 390)



Row 44 (391 - 397)



Row 45 (397)

