

```
01 LBL "TP" ;Three-Function Plotting Program
02 AON
03 "F-1?"
04 PROMPT
05 AOFF
06 ASTO 34
07 AON
08 "F-2?"
09 PROMPT
10 AOFF
11 ASTO 35
12 AON
13 "F-3?"
14 PROMPT
15 AOFF
16 ASTO 36
17 "Y MIN?"
18 PROMPT
19 STO 00
20 "Y MAX?"
21 PROMPT
22 STO 01
23 "AXIS?"
24 PROMPT
25 STO 04
26 "X MIN?"
27 PROMPT
28 STO 37
29 "X MAX?"
30 PROMPT
31 STO 38
32 "X INC?"
33 PROMPT
34 STO 39
35 FIX 1
36 "X FROM "
37 ARCL 37
38 ">" TO "
39 ARCL 38
40 XROM 29,08 ;PRA
41 "STEPS OF "
42 ARCL 39
43 XROM 29,08 ;PRA
44 168
45 STO 02
46 XROM 29,09 ;PRAXIS
47 RCL 00
48 X<> 04
49 STO 41
50 RCL 01
51 STO 05
52 RCL 37
53 STO 40
54 0
55 XROM 29,06 ;BLDSPEC
56 8
57 XROM 29,06 ;BLDSPEC
58 8
59 XROM 29,06 ;BLDSPEC
60 62
61 XROM 29,06 ;BLDSPEC
62 8
63 XROM 29,06 ;BLDSPEC
64 8
65 XROM 29,06 ;BLDSPEC
66 0
67 XROM 29,06 ;BLDSPEC
```

```

68 STO 31
69 0
70 XROM 29,06 ;BLDSPEC
71 8
72 XROM 29,06 ;BLDSPEC
73 20
74 XROM 29,06 ;BLDSPEC
75 34
76 XROM 29,06 ;BLDSPEC
77 20
78 XROM 29,06 ;BLDSPEC
79 8
80 XROM 29,06 ;BLDSPEC
81 0
82 XROM 29,06 ;BLDSPEC
83 STO 32
84 0
85 XROM 29,06 ;BLDSPEC
86 62
87 XROM 29,06 ;BLDSPEC
88 34
89 XROM 29,06 ;BLDSPEC
90 34
91 XROM 29,06 ;BLDSPEC
92 34
93 XROM 29,06 ;BLDSPEC
94 62
95 XROM 29,06 ;BLDSPEC
96 0
97 XROM 29,06 ;BLDSPEC
98 STO 33
99 LBL 01
100 RCL 41
101 STO 00
102 RCL 40
103 XEQ IND 34
104 STO 01
105 RCL 40
106 XEQ IND 35
107 STO 02
108 RCL 40
109 XEQ IND 36
110 STO 03
111 XEQ "PLOT3" ;Plot 3 Functions (Line 137)
112 RCL 40
113 RCL 38
114 X<=Y?
115 RTN
116 RCL 39
117 ST+ 40
118 GTO 01
119 LBL 00
120 RCL 04
121 -
122 RCL 05
123 RCL 04
124 -
125 /
126 168
127 *
128 INT
129 1
130 X>Y?
131 RTN
132 CLX
133 168
134 X>Y?
135 RDN
136 RTN
137 LBL "PLOT3" ;Plot 3 Functions

```

138 RCL 00
139 XEQ 00
140 STO 00
141 1.003
142 STO 06
143 LBL 05
144 RCL IND 06
145 XEQ 00
146 4
147 X>Y?
148 GTO 07
149 CLX
150 165
151 X>Y?
152 RDN
153 STO IND 06
154 ISG 06
155 GTO 05
156 GTO 09
157 LBL 07
158 STO IND 06
159 ISG 06
160 GTO 05
161 LBL 09
162 1.003
163 STO 06
164 LBL 06
165 3
166 RCL IND 06
167 RCL 00
168 -
169 ABS
170 X<=Y?
171 GTO 15
172 ISG 06
173 GTO 06
174 1.002
175 STO 06
176 LBL 42
177 RCL 06
178 INT
179 1.003
180 +
181 STO 07
182 LBL 08
183 6
184 RCL IND 07
185 RCL IND 06
186 -
187 ABS
188 X<=Y?
189 GTO 15
190 ISG 07
191 GTO 08
192 ISG 06
193 GTO 42
194 XEQ 36
195 0
196 STO 07
197 .003
198 STO 06
199 LBL 11
200 RCL IND 06
201 FRC
202 X=0?
203 GTO 13
204 LASTX
205 INT
206 4
207 -

```
208 RCL 07
209 -
210 XROM 29,23 ;SKPCOL
211 RCL IND 06
212 FRC
213 10
214 *
215 30
216 +
217 RCL IND X
218 XROM 29,04 ;ACSPEC
219 RCL IND 06
220 INT
221 3
222 +
223 STO 07
224 LBL 12
225 ISG 06
226 GTO 11
227 XROM 29,10 ;PRBUF
228 RTN
229 LBL 13
230 LASTX
231 1
232 -
233 RCL 07
234 -
235 XROM 29,23 ;SKPCOL
236 127
237 XROM 29,03 ;ACCOL
238 RCL IND 06
239 INT
240 STO 07
241 GTO 12
242 LBL 15
243 XEQ 36
244 10.03
245 STO 06
246 CLX
247 LBL 16
248 STO IND 06
249 ISG 06
250 GTO 16
251 10
252 STO 06
253 RCL 00
254 XEQ 26
255 SF 00
256 RCL 01
257 XEQ 26
258 RCL 02
259 XEQ 26
260 RCL 03
261 XEQ 26
262 CF 00
263 10.03
264 STO 06
265 LBL 18
266 RCL IND 06
267 X=0?
268 GTO 19
269 INT
270 XEQ 22
271 RCL IND 06
272 FRC
273 +
274 STO IND 06
275 ISG 06
276 GTO 18
277 LBL 19
```

```
278 0
279 STO 06
280 10.03
281 STO 07
282 LBL 20
283 RCL IND 07
284 X=0?
285 GTO 21
286 FRC
287 1 E3
288 *
289 STO 09
290 RCL 06
291 -
292 1
293 -
294 XROM 29,23 ;SKPCOL
295 RCL IND 07
296 INT
297 XROM 29,03 ;ACCOL
298 RCL 09
299 STO 06
300 ISG 07
301 GTO 20
302 LBL 21
303 XROM 29,10 ;PRBUF
304 RTN
305 LBL 22
306 STO 09
307 0
308 STO 07
309 STO 08
310 LBL 23
311 RCL 09
312 10
313 /
314 STO 09
315 FRC
316 10
317 *
318 X=0?
319 GTO 24
320 2
321 RCL 07
322 Y^X
323 ST+ 08
324 LBL 24
325 1
326 ST+ 07
327 RCL 09
328 INT
329 X=0?
330 GTO 25
331 STO 09
332 GTO 23
333 LBL 25
334 RCL 08
335 RTN
336 LBL 26
337 STO 08
338 FRC
339 10
340 *
341 27
342 +
343 XEQ IND X
344 RTN
345 LBL 27
346 RCL 08
347 1 E3
```

348 ST/ 08
349 FS? 00
350 XEQ 31
351 XEQ 34
352 1111111
353 SF 01
354 XEQ 35
355 RTN
356 LBL 31
357 10.03
358 STO 07
359 LBL 32
360 RCL IND 07
361 X=0?
362 GTO 33
363 FRC
364 RCL 08
365 X=Y?
366 GTO 33
367 ISG 07
368 GTO 32
369 RTN
370 LBL 33
371 RCL 07
372 INT
373 STO 06
374 RTN
375 LBL 35
376 ST+ IND 06
377 .001
378 ST+ 08
379 1
380 ST+ 06
381 FS?C 01
382 RTN
383 LBL 34
384 RCL IND 06
385 X#0?
386 RTN
387 RCL 08
388 STO IND 06
389 RTN
390 LBL 28
391 XEQ 17
392 1 E3
393 XEQ 35
394 1 E3
395 XEQ 35
396 111110
397 XEQ 35
398 1 E3
399 XEQ 35
400 1 E3
401 SF 01
402 XEQ 35
403 RTN
404 LBL 17
405 RCL 08
406 INT
407 2
408 -
409 1 E3
410 /
411 STO 08
412 FS? 00
413 XEQ 31
414 XEQ 34
415 RTN
416 LBL 29
417 XEQ 17

418 1 E3
419 XEQ 35
420 10100
421 XEQ 35
422 100010
423 XEQ 35
424 10100
425 XEQ 35
426 1 E3
427 SF 01
428 XEQ 35
429 RTN
430 LBL 30
431 XEQ 17
432 111110
433 XEQ 35
434 100010
435 XEQ 35
436 100010
437 XEQ 35
438 100010
439 XEQ 35
440 111110
441 SF 01
442 XEQ 35
443 RTN
444 LBL 36
445 .1
446 ST+ 01
447 .2
448 ST+ 02
449 .3
450 ST+ 03
451 .002
452 STO 06
453 1.003
454 STO 07
455 LBL 37
456 RCL IND 06
457 XEQ 40
458 RCL IND 07
459 XEQ 40
460 X>Y?
461 GTO 38
462 RCL IND 06
463 X<> IND 07
464 STO IND 06
465 LBL 38
466 ISG 07
467 GTO 37
468 ISG 06
469 GTO 39
470 RTN
471 LBL 39
472 RCL 06
473 1.001
474 +
475 STO 07
476 GTO 37
477 RTN
478 LBL 40
479 ENTER
480 INT
481 X=Y?
482 RTN
483 RDN
484 3
485 -
486 RTN
487 END

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1A22E0001A23E0001AA90011101A101336CF12908667D00013
68E000169086694091869606D00012CF13103611101A101337
CF14908767D0001569111B13423926411141A757908768A743
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229086638528918685CF1CE00011111B13E00023111B13E000
23111111111110E00023111B13E00023111B13A801E0002385
CF1128681241111B134338AC00E0001FE0002285CF1DE00011
111B13E000231110111010E00023111010101110E000231110
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1292021A1392031A10101236111A10101337CF259086E00028
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4185C0000D66

978 BYTES

HP-41C 3-Function Plotting by Jake Schwartz PPC V7 N1 P30 Jan 1980

Program Registers Needed: 140

Row 1 (1 - 4)



Row 2 (5 - 11)



Row 3 (12 - 17)



Row 4 (17 - 20)



Row 5 (21 - 26)



Row 6 (26 - 29)



Row 7 (29 - 34)



Row 8 (34 - 37)



Row 9 (38 - 41)



Row 10 (41 - 44)



Row 11 (44 - 52)



Row 12 (53 - 60)



Row 13 (61 - 68)



Row 14 (69 - 76)



Row 15 (76 - 83)



Row 16 (84 - 90)



HP-41C 3-Function Plotting by Jake Schwartz PPC V7 N1 P30 Jan 1980

Row 17 (91 - 97)



Row 18 (98 - 105)



Row 19 (106 - 111)



Row 20 (111 - 118)



Row 21 (118 - 128)



Row 22 (129 - 137)



Row 23 (137 - 141)



Row 24 (141 - 148)



Row 25 (148 - 155)



Row 26 (156 - 162)



Row 27 (162 - 171)



Row 28 (171 - 176)



Row 29 (177 - 184)



Row 30 (185 - 192)



Row 31 (192 - 197)



Row 32 (198 - 208)



Row 33 (209 - 217)



HP-41C 3-Function Plotting by Jake Schwartz PPC V7 N1 P30 Jan 1980

Row 34 (217 - 226)



Row 35 (226 - 236)



Row 36 (236 - 243)



Row 37 (243 - 248)



Row 38 (249 - 255)



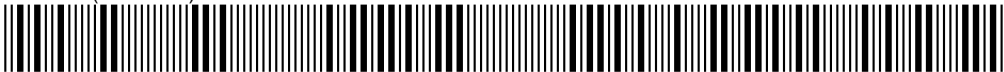
Row 39 (255 - 261)



Row 40 (262 - 267)



Row 41 (268 - 274)



Row 42 (275 - 280)



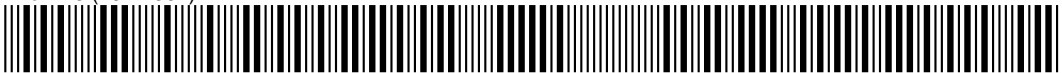
Row 43 (280 - 287)



Row 44 (287 - 297)



Row 45 (297 - 304)



Row 46 (305 - 314)



Row 47 (315 - 323)



Row 48 (324 - 332)



Row 49 (332 - 340)

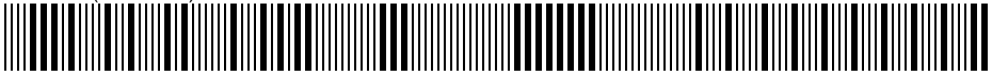


Row 50 (341 - 348)



HP-41C 3-Function Plotting by Jake Schwartz PPC V7 N1 P30 Jan 1980

Row 51 (348 - 352)



Row 52 (352 - 357)



Row 53 (357 - 363)



Row 54 (364 - 370)



Row 55 (371 - 378)



Row 56 (378 - 386)



Row 57 (387 - 393)



Row 58 (393 - 396)



Row 59 (396 - 400)



Row 60 (401 - 409)



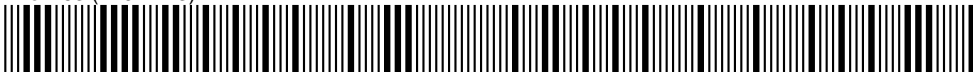
Row 61 (409 - 415)



Row 62 (416 - 420)



Row 63 (420 - 423)



Row 64 (423 - 426)



Row 65 (427 - 432)



Row 66 (432 - 434)



Row 67 (435 - 438)



HP-41C 3-Function Plotting by Jake Schwartz PPC V7 N1 P30 Jan 1980

Row 68 (438 - 440)



Row 69 (440 - 446)



Row 70 (447 - 452)



Row 71 (453 - 457)



Row 72 (458 - 463)



Row 73 (464 - 469)



Row 74 (469 - 476)



Row 75 (476 - 486)



Row 76 (487)

