

```
01 LBL "1"      ;Linear Regression Degree 8 Init
02 CLRG
03 CF 05
04 "FIX X?"
05 PROMPT
06 STO 29
07 "FIX Y?"
08 PROMPT
09 STO 28
10 "DISP./PRINT?"
11 PROMPT
12 LBL 16
13 46
14 STO 45
15 "X MIN. ?"
16 PROMPT
17 STO 31
18 STO 27
19 "INTERVAL?"
20 PROMPT
21 STO 42
22 LBL 20
23 "Y DATA?"
24 PROMPT
25 LBL "00"
26 STO IND 45
27 STO 15
28 STO 44
29 ISG 45
30 ""           ;F0=null string (NOP)
31 ISG 14
32 ""           ;F0=null string (NOP)
33 CLA
34 FIX 0
35 "Y"
36 ARCL 14
37 >="="
38 FIX IND 28
39 ARCL 44
40 PROMPT
41 LBL 17
42 FS?C 00
43 STOP
44 GTO "00"
45 LBL 18
46 46
47 STO 45
48 CLX
49 STO 14
50 GTO 20
51 LBL "2"      ;Compute results for processing
52 RCL 14
53 1
54 -
55 RCL 42
56 *
57 RCL 31
58 +
59 STO 30
60 RCL 14
61 1
62 -
63 STO 24
64 8
65 X>Y?
66 RCL 24
67 STO 09
```

```

68 32
69 STO 26
70 FS? 05
71 GTO 01
72 "--X--"
73 XROM 29,08 ;PRA
74 CLA
75 ADV
76 LBL "02"
77 FIX IND 29
78 ARCL 27
79 XROM 29,08 ;PRA
80 CLA
81 ADV
82 RCL 30
83 RCL 27
84 X=Y?
85 GTO 03
86 RCL 27
87 RCL 42
88 +
89 STO 27
90 GTO "02"
91 LBL 03
92 "--Y--"
93 XROM 29,08 ;PRA
94 ADV
95 RCL 24
96 STO 44
97 46
98 STO 45
99 1
100 STO 25
101 LBL 10
102 FIX IND 28
103 RCL 14
104 RCL 25
105 X>Y?
106 GTO 01
107 CLA
108 ARCL IND 45
109 XROM 29,08 ;PRA
110 ADV
111 ISG 25
112 "" ;F0=null string (NOP)
113 ISG 45
114 "" ;F0=null string (NOP)
115 GTO 10
116 LBL "3" ;Correct an erroneous entry
117 CF 21
118 SF 00
119 2
120 ST- 45
121 RCL 45
122 45
123 X=Y?
124 GTO 19
125 RCL IND 45
126 STO 44
127 DSE 14
128 "" ;F0=null string (NOP)
129 ISG 45
130 "" ;F0=null string (NOP)
131 "CORRECTED"
132 AVIEW
133 PSE
134 "LAST="
135 ARCL 44
136 AVIEW
137 FS? 08

```

```

138 SF 21
139 FS? 08
140 SF 06
141 FS? 08
142 CF 05
143 GTO 17
144 LBL 19
145 46
146 STO 45
147 CLX
148 STO 14
149 FS? 08
150 SF 05
151 FS? 08
152 CF 06
153 GTO 20
154 LBL "4"      ;Printed output
155 SF 08
156 CF 21
157 "PRINT"
158 AVIEW
159 SF 21
160 SF 06
161 CF 05
162 GTO 16
163 LBL "5"      ;Display output
164 CF 08
165 CF 21
166 "NON-PRINT"
167 AVIEW
168 CF 06
169 SF 05
170 GTO 16
171 LBL 06
172 RCL 24
173 1
174 +
175 ST/ 00
176 1
177 STO 22
178 LBL 07
179 RCL 24
180 1
181 +
182 STO 20
183 RCL 24
184 RCL 22
185 -
186 STO 21
187 RCL 22
188 STO 25
189 1
190 STO 10
191 LBL 08
192 RCL 20
193 RCL 25
194 +
195 RCL 10
196 *
197 STO 10
198 DSE 25
199 ""          ;F0=null string (NOP)
200 RCL 25
201 X#0?
202 GTO 08
203 RCL 10
204 RCL 20
205 *
206 STO 10
207 RCL 22

```

```

208 STO 25
209 RCL 10
210 1
211 STO 11
212 LBL 09
213 RCL 21
214 RCL 25
215 +
216 RCL 11
217 *
218 STO 11
219 DSE 25
220 "" ;F0=null string (NOP)
221 RCL 25
222 X#0?
223 GTO 09
224 RCL 10
225 RCL 11
226 /
227 STO 13
228 RCL 22
229 2
230 *
231 1
232 +
233 RCL 13
234 X<>Y
235 /
236 STO 13
237 RCL 22
238 STO 25
239 RCL 13
240 ST/ IND 25
241 RCL IND 25
242 STO IND 26
243 ISG 26
244 "" ;F0=null string (NOP)
245 RCL 09
246 RCL 22
247 X=Y?
248 GTO 11
249 1
250 +
251 STO 22
252 RCL 24
253 GTO 07
254 LBL 01
255 46
256 STO 45
257 1
258 STO 44
259 LBL 04
260 RCL IND 45
261 STO 16
262 STO 23
263 ST+ 00
264 1
265 STO 22
266 RCL 24
267 RCL 20
268 2
269 *
270 -
271 RCL 24
272 /
273 STO 21
274 RCL 23
275 *
276 ST+ 01
277 1

```

```

278 STO 25
279 LBL 15
280 RCL 25
281 2
282 *
283 1
284 +
285 RCL 24
286 RCL 20
287 2
288 *
289 -
290 *
291 RCL 21
292 *
293 RCL 24
294 RCL 25
295 +
296 1
297 +
298 RCL 25
299 *
300 RCL 22
301 *
302 -
303 RCL 25
304 1
305 +
306 RCL 24
307 RCL 25
308 -
309 *
310 /
311 RCL 21
312 STO 22
313 X<>Y
314 STO 21
315 ISG 25
316 "" ;F0=null string (NOP)
317 RCL 21
318 RCL 23
319 *
320 ST+ IND 25
321 RCL 09
322 1
323 -
324 RCL 25
325 X<=Y?
326 GTO 15
327 ISG 20
328 "" ;F0=null string (NOP)
329 RCL 20
330 RCL 14
331 X=Y?
332 GTO 06
333 ISG 44
334 "" ;F0=null string (NOP)
335 ISG 45
336 "" ;F0=null string (NOP)
337 GTO 04
338 LBL 11
339 CF 06
340 RCL 00
341 STO 40
342 RCL 24
343 STO 41
344 BEEP
345 "COMPLETED"
346 PROMPT
347 LBL "13" ;Review data

```

```

348 RCL 14
349 STO 44
350 46
351 STO 45
352 1
353 STO 25
354 LBL 22
355 FIX IND 28
356 RCL 44
357 RCL 25
358 X>Y?
359 GTO 11
360 CLA
361 ARCL IND 45
362 PROMPT
363 ISG 25
364 "" ;F0=null string (NOP)
365 ISG 45
366 "" ;F0=null string (NOP)
367 GTO 22
368 LBL "14" ;Correct reviewed data
369 STO IND 45
370 RCL IND 45
371 PSE
372 ISG 45
373 "" ;F0=null string (NOP)
374 ISG 25
375 "" ;F0=null string (NOP)
376 GTO 22
377 END

```

```

02D5C000F200318AA905F646495820583F8E911DF646495820
593F8E911CF444953502E2F5052494E543F8ECF101416912D
F858204D494E2E203F8E911F911BF9494E54455256414C3F8E
912ACF14F75920444154413F8EC000F300303091AD3F912C96
2DF0960EF0879C00F1599B0EF27F3D9C9C9B2C8ECF11AA0084
1DF23030CF121416912D773ED00014C000F200322E1141902A
42901F40911E2E1141911818459018391312911AAC05B200F5
2D2D582D2DA748878FC000F30030329C9D9B1BA748878F901E
901B78B400901B902A40911B1DF2303204F52D2D592D2DA748
8F9018912C1416912D1191190B9C9C2E901945B200879BADA7
488F9619F0962DF0BB00C000F20033A915A80012932D902D14
1578D0001390AD912C970EF0962DF0F9434F52524543544544
7E89F54C4153543D9B2C7EAC08A815AC08A806AC08A905D000
11CF131416912D773EAC08A805AC08A906D00014C000F20034
A808A915F55052494E547EA815A806A905D00010C000F20035
A908A915F94E4F4E2D5052494E547EA906A805D00010079018
11409500119116089018114091149018901641911590169119
113A0990149019402A423A9719F0901963B9002A9014423A90
1691192A113B0A90159019402B423B9719F0901963BA002A2B
433D9016124211402D71433D901691192D95999099919A961A
F029901678BC00114091169018B800021416912D11912C0590
AD911091179200119116901890141242419018439115901742
9201119119CF0F901912421140901890141242414290154290
18901940114090194290164241901911409018901941424390
1591167191159619F090159017429299291141901946D0000F
9614F090142E78B700962CF0962DF0B5000CA9062091289018
912986F9434F4D504C455445448EC000F30031332E912C1416
912D119119CF169C9C902C901945BC00879BAD8E9619F0962D
F0D00016C000F300313491AD90AD89962DF09619F0D00016C0
000DEA

```

725 BYTES

# HP-41C LR Degree 8 Data Entry by R. M. Eades PPC V8 N4 P23 June 1981

Program Registers Needed: 104

Row 1 (1 - 4)



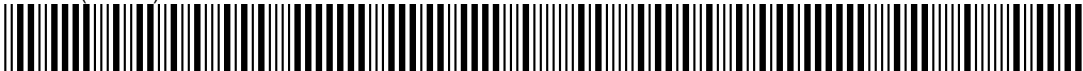
Row 2 (4 - 8)



Row 3 (9 - 10)



Row 4 (10 - 15)



Row 5 (15 - 19)



Row 6 (19 - 23)



Row 7 (23 - 25)



Row 8 (25 - 33)



Row 9 (34 - 39)



Row 10 (40 - 46)



Row 11 (46 - 51)



Row 12 (52 - 61)



Row 13 (62 - 70)



Row 14 (70 - 75)



Row 15 (76 - 80)



Row 16 (81 - 88)



# HP-41C LR Degree 8 Data Entry by R. M. Eades PPC V8 N4 P23 June 1981

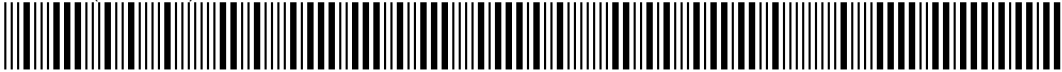
Row 17 (89 - 92)



Row 18 (93 - 100)



Row 19 (100 - 108)



Row 20 (109 - 116)



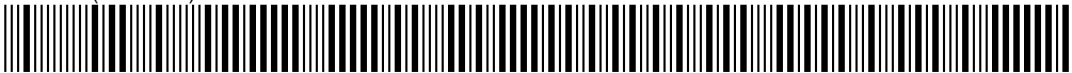
Row 21 (116 - 122)



Row 22 (122 - 129)



Row 23 (129 - 132)



Row 24 (133 - 138)



Row 25 (138 - 144)



Row 26 (144 - 151)



Row 27 (152 - 156)



Row 28 (156 - 161)



Row 29 (161 - 165)



Row 30 (166 - 168)



Row 31 (169 - 176)



Row 32 (177 - 184)



Row 33 (185 - 193)



# HP-41C LR Degree 8 Data Entry by R. M. Eades PPC V8 N4 P23 June 1981

Row 34 (193 - 202)



Row 35 (203 - 212)



Row 36 (213 - 221)



Row 37 (222 - 232)



Row 38 (233 - 241)



Row 39 (242 - 250)



Row 40 (251 - 258)



Row 41 (258 - 265)



Row 42 (266 - 274)



Row 43 (274 - 282)



Row 44 (283 - 292)



Row 45 (293 - 301)



Row 46 (302 - 311)



Row 47 (311 - 318)



Row 48 (319 - 327)



Row 49 (327 - 335)



Row 50 (336 - 343)



# HP-41C LR Degree 8 Data Entry by R. M. Eades PPC V8 N4 P23 June 1981

Row 51 (344 - 347)



Row 52 (347 - 352)



Row 53 (353 - 359)



Row 54 (360 - 367)



Row 55 (368 - 372)



Row 56 (373 - 377)

