

HP-41C Matrix Least Squares L1 by John H. Nickel  
PPC Calculator Journal Vol 9 N7 P25 Oct-Nov 1982

```
01 LBL "L1"      ;Main Routine
02 CLST
03 CLRG
04 "INPUT N, P, F"
05 PROMPT
06 STO 12
07 RDN
08 STO 14
09 1000
10 /
11 1
12 +
13 STO 00
14 RDN
15 STO 13
16 1000
17 /
18 1
19 +
20 STO 01
21 BEEP
22 XEQ "IN"      ;Prompt for X Matrix
23 XEQ "XT"      ;Calculate [X'X] Matrix
24 XEQ "MI"      ;Calculate Inv & Det of [X'X]
25 BEEP
26 XEQ "YI"      ;Prompt for Y Matrix
27 XEQ "BE"      ;Calculate Beta Matrix
28 XEQ "YE"      ;Calculate Y^ Matrix
29 BEEP
30 XEQ "JM"      ;Prompt for J Matrix
31 XEQ "OUT"     ;Calculate Statistics & Print
32 END
```

0053C000F3004C31738AFD494E505554204E2C20502C20468E  
3C753E1110101043114030753D1110101043114031861EF249  
4E1EF258541EF24D49861EF259491EF242451EF25945861EF2  
4A4D1EF34F5554C0000DF2

83 BYTES

HP-41C Matrix Least Squares IN by John H. Nickel  
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```
01 LBL "IN"      ;Prompt for X Matrix
02 CF 28
03 FIX 1
04 RCL 01
05 STO 03
06 RCL 00
07 STO 04
08 LBL 00
09 RCL 03
10 INT
11 RCL 04
12 10
13 /
14 +
15 STO 02
16 RCL 04
17 RCL 03
18 SF 01
19 SF 04
20 XEQ "RC"      ;Element Storage Register Calculation
21 "X\28"        ;X, Left Parenthesis
22 ARCL 02
23 ">\29"        ;Append Right Parenthesis
24 PROMPT
```

```
25 STO IND Y
26 ISG 04
27 GTO 00
28 RCL 00
29 STO 04
30 ISG 03
31 GTO 00
32 SF 28
33 END
```

```
003BC000F300494EA91C9C0121332034012368241110434032
2423A801A8041EF25243F258289B02F27F298E91F29604B100
20349603B100A81CC0000D8A
```

59 BYTES

HP-41C Matrix Least Squares XT by John H. Nickel  
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```
01 LBL "XT"      ;Calculate [X'X] Matrix
02 RCL 01
03 STO 03
04 RCL 00
05 STO 04
06 STO 05
07 0
08 STO 02
09 LBL 00
10 RCL 04
11 RCL 03
12 SF 01
13 SF 04
14 XEQ "RC"      ;Element Storage Register Calculation
15 RCL IND X
16 STO 06
17 RCL 05
18 RCL 03
19 SF 01
20 SF 04
21 XEQ "RC"      ;Element Storage Register Calculation
22 RCL IND X
23 RCL 06
24 *
25 ST+ 02
26 ISG 03
27 GTO 00
28 RCL 04
29 RCL 05
30 SF 01
31 SF 03
32 XEQ "RC"      ;Element Storage Register Calculation
33 RCL 02
34 STO IND Y
35 0
36 STO 02
37 RCL 01
38 STO 03
39 ISG 05
40 GTO 00
41 RCL 00
42 STO 05
43 ISG 04
44 GTO 00
45 END
```

```
004DC000F300585421332034351032012423A801A8041EF252
4390F3362523A801A8041EF2524390F3264292029603B10024
25A801A8031EF252432291F2103221339605B10020359604B1
00C0000D07
77 BYTES
```

HP-41C Matrix Least Squares MI by John H. Nickel  
PPC Calculator Journal Vol 9 N7 P25 Oct-Nov 1982

```
01 LBL "MI"      ;Calculate Inv & Det of [X'X]
02 1
03 STO 11
04 RCL 00
05 STO 03
06 LBL 00
07 3
08 RCL 03
09 SF 02
10 SF 05
11 XEQ "RC"      ;Element Storage Register Calculation
12 0
13 STO IND Y
14 ISG 03
15 GTO 00
16 RCL 00
17 STO 03
18 LBL 01
19 0
20 STO 06
21 RCL 00
22 STO 04
23 LBL 02
24 3
25 RCL 04
26 SF 02
27 SF 05
28 XEQ "RC"      ;Element Storage Register Calculation
29 RCL IND X
30 1
31 X=Y?
32 GTO 05
33 RCL 00
34 STO 05
35 LBL 03
36 3
37 RCL 05
38 SF 02
39 SF 05
40 XEQ "RC"      ;Element Storage Register Calculation
41 RCL IND X
42 1
43 X=Y?
44 GTO 04
45 RCL 05
46 RCL 04
47 SF 01
48 SF 03
49 XEQ "RC"      ;Element Storage Register Calculation
50 RCL IND X
51 ABS
52 RCL 06
53 X<>Y
54 X<Y?
55 GTO 04
56 STO 06
57 RCL 05
58 INT
59 STO 07
60 RCL 04
61 INT
62 STO 08
63 LBL 04
64 ISG 05
65 GTO 03
66 LBL 05
67 ISG 04
```

```

68 GTO 02
69 1 E-35
70 RCL 06
71 X<=Y?
72 GTO 14
73 3
74 RCL 07
75 SF 02
76 SF 05
77 XEQ "RC" ;Element Storage Register Calculation
78 1
79 STO IND Y
80 1
81 RCL 03
82 SF 02
83 SF 05
84 XEQ "RC" ;Element Storage Register Calculation
85 RCL 08
86 STO IND Y
87 X<>Y
88 1
89 +
90 RCL 07
91 STO IND Y
92 RCL 07
93 RCL 08
94 X=Y?
95 GTO 07
96 RCL 00
97 STO 04
98 LBL 06
99 RCL 04
100 RCL 08
101 SF 01
102 SF 03
103 XEQ "RC" ;Element Storage Register Calculation
104 STO 09
105 RCL IND 09
106 STO 02
107 RCL 04
108 RCL 07
109 SF 01
110 SF 03
111 XEQ "RC" ;Element Storage Register Calculation
112 RCL IND X
113 STO IND 09
114 RCL 02
115 STO IND Z
116 ISG 04
117 GTO 06
118 LBL 07
119 RCL 07
120 RCL 07
121 SF 01
122 SF 03
123 XEQ "RC" ;Element Storage Register Calculation
124 RCL IND X
125 STO 02
126 ST* 11
127 1
128 STO IND Z
129 RCL 00
130 STO 04
131 LBL 08
132 RCL 04
133 RCL 07
134 SF 01
135 SF 03
136 XEQ "RC" ;Element Storage Register Calculation
137 RCL 02

```

```

138 ST/ IND Y
139 ISG 04
140 GTO 08
141 RCL 00
142 STO 04
143 LBL 09
144 RCL 07
145 RCL 04
146 INT
147 X=Y?
148 GTO 15
149 SF 01
150 SF 03
151 XEQ "RC" ;Element Storage Register Calculation
152 RCL IND X
153 STO 02
154 0
155 STO IND Z
156 RCL 00
157 STO 05
158 LBL 10
159 RCL 05
160 RCL 07
161 SF 01
162 SF 03
163 XEQ "RC" ;Element Storage Register Calculation
164 RCL IND X
165 RCL 02
166 *
167 STO 12
168 RCL 05
169 RCL 04
170 SF 01
171 SF 03
172 XEQ "RC" ;Element Storage Register Calculation
173 RCL 12
174 ST- IND Y
175 ISG 05
176 GTO 10
177 LBL 15
178 ISG 04
179 GTO 09
180 ISG 03
181 GTO 01
182 0
183 STO 02
184 STO 03
185 RCL 00
186 STO 04
187 LBL 11
188 RCL 14
189 RCL 04
190 INT
191 -
192 1
193 +
194 STO 03
195 1
196 X<>Y
197 SF 02
198 SF 05
199 XEQ "RC" ;Element Storage Register Calculation
200 RCL IND X
201 X<>Y
202 1
203 +
204 RCL IND X
205 X<>Y
206 RDN
207 X=Y?

```

```

208 GTO 13
209 STO 07
210 RDN
211 STO 08
212 1
213 ST+ 02
214 RCL 00
215 STO 05
216 LBL 12
217 RCL 08
218 RCL 05
219 SF 01
220 SF 03
221 XEQ "RC" ;Element Storage Register Calculation
222 STO 09
223 RCL IND 09
224 STO 06
225 RCL 07
226 RCL 05
227 SF 01
228 SF 03
229 XEQ "RC" ;Element Storage Register Calculation
230 RCL IND X
231 STO IND 09
232 RCL 06
233 STO IND Z
234 ISG 05
235 GTO 12
236 LBL 13
237 ISG 04
238 GTO 11
239 -1
240 RCL 02
241 Y^X
242 ST* 11
243 GTO 16
244 LBL 14
245 "D=0, NO INVERSE"
246 AVIEW
247 STOP
248 LBL 16
249 END

```

```

01A0C000F3004D49113B2033011323A802A8051EF252431091
F29603B10020330210362034031324A802A8051EF2524390F3
1178B6002035041325A802A8051EF2524390F31178B5002524
A801A8031EF2524390F361267144B500362568372468380596
05B400069604B300111B1C13152646BF001327A802A8051EF2
52431191F2001123A802A8051EF252432891F27111402791F2
272878B8002034072428A801A8031EF25243399089322427A8
01A8031EF2524390F391892291F19604B700082727A801A803
1EF2524390F332940B1191F12034092427A801A8031EF25243
2295F29604B90020340A27246878D0000FA801A8031EF25243
90F3321091F120350B2527A801A8031EF2524390F322423C25
24A801A8031EF252432C93F29605BB00CF0F9604BA009603B2
0010323320340C2E2468411140331171A802A8051EF2524390
F371114090F3717578BE0037753811920220350D2825A801A8
031EF25243399089362725A801A8031EF2524390F391892691
F19605BD000E9604BC001C112253940BD000100FFF443D302C
204E4F20494E56455253457E84CF10C0000D7F

```

416 BYTES

HP-41C Matrix Least Squares YI by John H. Nickel  
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```

01 LBL "YI" ;Prompt for Y Matrix
02 0
03 STO 09
04 STO 10

```

```

05 RCL 01
06 STO 03
07 LBL 00
08 1
09 RCL 03
10 SF 00
11 SF 06
12 XEQ "RC" ;Element Storage Register Calculation
13 "Y="
14 PROMPT
15 STO IND Y
16 ST+ 10
17 X^2
18 ST+ 09
19 ISG 03
20 GTO 00
21 RCL 13
22 ST/ 10
23 RCL 00
24 STO 03
25 RCL 01
26 STO 04
27 SF 07
28 SF 10
29 XEQ "MM" ;Multiply 2D by Column Matrix
30 CF 07
31 CF 10
32 RTN
33 LBL "BE" ;Calculate Beta Matrix
34 RCL 00
35 STO 03
36 STO 04
37 SF 09
38 XEQ "MM" ;Multiply 2D by Column Matrix
39 CF 09
40 RTN
41 LBL "YE" ;Calculate Y^ Matrix
42 RCL 01
43 STO 03
44 RCL 00
45 STO 04
46 SF 08
47 SF 10
48 XEQ "MM" ;Multiply 2D by Column Matrix
49 CF 08
50 CF 10
51 END

```

```

0064C000F300594910393A2133011123A800A8061EF25243F2
593D8E91F2920A5192099603B1002D950A20332134A807A80A
1EF24D4DA907A90A85C000F3004245203334A8091EF24D4DA9
0985C000F300594521332034A808A80A1EF24D4DA908A90AC0
000D1B

```

100 BYTES

HP-41C Matrix Least Squares JM by John H. Nickel  
PPC Calculator Journal Vol 9 N7 P25 Oct-Nov 1982

```

01 LBL "JM" ;Prompt for J Matrix
02 RCL 01
03 STO 03
04 LBL 00
05 1
06 RCL 03
07 SF 00
08 XEQ "RC" ;Element Storage Register Calculation
09 "J="
10 PROMPT
11 STO IND Y

```

12 ISG 03  
13 GTO 00  
14 END

001EC000F3004A4D2133011123A8001EF25243F24A3D8E91F2  
9603B100C0000DDF

30 BYTES

HP-41C Matrix Least Squares OUT by John H. Nickel  
PPC Calculator Journal V9 No 7 Pg 25 Oct-Nov 1982

```
01 LBL "OUT" ;Calculate Statistics & Print
02 RCL 00
03 STO 03
04 0
05 STO 04
06 ADV
07 "\05 MATRIX"
08 AVIEW
09 ADV
10 LBL 00
11 1
12 RCL 03
13 SF 00
14 SF 05
15 XEQ "RC" ;Element Storage Register Calculation
16 FIX 0
17 "\05" ;Hex 05 = Greek Beta
18 ARCL 04
19 ">=" ;Append equal sign
20 FIX 4
21 ARCL IND X
22 AVIEW
23 1
24 ST+ 04
25 ISG 03
26 GTO 00
27 ADV
28 "N=" ;Number of Experiments
29 ARCL 13
30 AVIEW
31 "F=" ;Number of Factor Levels
32 ARCL 12
33 AVIEW
34 "P=" ;Number of Parameters
35 ARCL 14
36 AVIEW
37 ADV
38 "ANOVA" ;Analysis of Variance
39 AVIEW
40 ADV
41 RCL 09
42 STO 06
43 RCL 13
44 "SSt"
45 RCL 13
46 *
47 STO 06
48 1
49 "SSm"
50 XEQ "DI" ;Format ANOVA Table for Output
51 SF 08
52 SF 10
53 XEQ "SI" ;Subtract Two Column Matrices
54 RCL 13
55 1
56 -
57 "SSc"
58 XEQ "DI" ;Format ANOVA Table for Output
```

```

59 RCL 06
60 1/X
61 STO 08
62 SF 07
63 SF 10
64 XEQ "SI" ;Subtract Two Column Matrices
65 RCL 14
66 1
67 -
68 "SSf"
69 XEQ "DI" ;Format ANOVA Table for Output
70 RCL 06
71 ST* 08
72 SF 07
73 SF 10
74 XEQ "SI" ;Subtract Two Column Matrices
75 RCL 13
76 RCL 14
77 -
78 "SSr"
79 XEQ "DI" ;Format ANOVA Table for Output
80 SF 09
81 XEQ "SI" ;Subtract Two Column Matrices
82 RCL 12
83 RCL 14
84 -
85 "SSl"
86 XEQ "DI" ;Format ANOVA Table for Output
87 SF 08
88 XEQ "SI" ;Subtract Two Column Matrices
89 RCL 13
90 RCL 12
91 -
92 "SSp"
93 XEQ "DI" ;Format ANOVA Table for Output
94 ADV
95 "CORRELATION"
96 ">" COEF"
97 AVIEW
98 ADV
99 "R^2=" ;Coefficient of Determination
100 ARCL 08
101 AVIEW
102 "R=" ;Correlation Coefficient
103 RCL 08
104 SQRT
105 ARCL X
106 AVIEW
107 ADV
108 END

```

```

00F1C000F4004F5554203310348FF805204D41545249587E8F
011123A800A8051EF252439C00F1059B04F27F3D9C049BF37E
1192049603B1008FF24E3D9B0D7EF2463D9B0C7EF2503D9B0E
7E8FF5414E4F56417E8F29362DF35353742D423611F353536D
1EF24449A808A80A1EF253492D1141F35353631EF244492660
38A807A80A1EF253492E1141F35353661EF24449269408A807
A80A1EF253492D2E41F35353721EF24449A8091EF253492C2E
41F353536C1EF24449A8081EF253492D2C41F35353701EF244
498FFB434F5252454C4154494F4EF67F20434F45467E8FF452
5E323D9B087EF2523D28529B737E8FC0000DCF

```

241 BYTES

HP-41C Matrix Least Squares RC by John H. Nickel  
PPC Calculator Journal Vol 9 N7 P25 Oct-Nov 1982

```

01 LBL "RC" ;Element Storage Register Calculation
02 INT
03 1

```

```

04 -
05 FS?C 00
06 1
07 FS?C 01
08 RCL 14
09 FS?C 02
10 3
11 *
12 +
13 INT
14 14
15 +
16 FS?C 03
17 GTO 00
18 RCL 14
19 X^2
20 +
21 FS?C 04
22 GTO 00
23 RCL 14
24 RCL 13
25 *
26 +
27 FS?C 05
28 GTO 00
29 RCL 14
30 +
31 FS?C 06
32 GTO 00
33 RCL 13
34 +
35 LBL 00
36 END

```

```

0037C000F3005243681141AA0011AA012EAA02134240681114
40AA03B1002E5140AA04B1002E2D4240AA05B1002E40AA06B1
002D4001C0000D9E

```

55 BYTES

HP-41C Matrix Least Squares MM by John H. Nickel  
 PPC Calculator Journal Vol 9 N7 P25 Oct-Nov 1982

```

01 LBL "MM"      ;Multiply 2D by Column Matrix
02 LBL 00
03 0
04 STO 02
05 LBL 01
06 1
07 RCL 04
08 SF 00
09 FS? 07
10 SF 06
11 FS? 08
12 SF 05
13 XEQ "RC"      ;Element Storage Register Calculation
14 RCL IND X
15 STO 06
16 RCL 03
17 RCL 04
18 FS? 08
19 X<>Y
20 SF 01
21 FS? 09
22 SF 03
23 FS? 10
24 SF 04
25 XEQ "RC"      ;Element Storage Register Calculation
26 CF 04
27 RCL IND X

```

```

28 RCL 06
29 *
30 ST+ 02
31 ISG 04
32 GTO 01
33 1
34 RCL 03
35 SF 00
36 FS? 09
37 SF 05
38 FS? 08
39 SF 04
40 XEQ "RC" ;Element Storage Register Calculation
41 RCL 02
42 STO IND Y
43 RCL 00
44 FS? 07
45 RCL 01
46 STO 04
47 ISG 03
48 GTO 00
49 END

```

```

005BC000F3004D4D011032021124A800AC07A806AC08A8051E
F2524390F3362324AC0871A801AC09A803AC0AA8041EF25243
A90490F3264292029604B2001123A800AC09A805AC08A8041E
F252432291F220AC0721349603B100C0000D05

```

91 BYTES

HP-41C Matrix Least Squares SI by John H. Nickel  
PPC Calculator Journal Vol 9 N7 P25 Oct-Nov 1982

```

01 LBL "SI" ;Subtract Two Column Matrices
02 0
03 STO 06
04 RCL 01
05 STO 03
06 LBL 00
07 1
08 RCL 03
09 SF 00
10 FS? 08
11 SF 06
12 FS? 07
13 SF 04
14 XEQ "RC" ;Element Storage Register Calculation
15 RCL IND X
16 STO 02
17 FC? 10
18 GTO 01
19 RCL 02
20 RCL 10
21 GTO 02
22 LBL 01
23 1
24 RCL 03
25 SF 00
26 FS? 09
27 SF 04
28 XEQ "RC" ;Element Storage Register Calculation
29 RCL 02
30 RCL IND Y
31 LBL 02
32 -
33 X^2
34 ST+ 06
35 ISG 03
36 GTO 00
37 CF 07

```

```

38 CF 08
39 CF 09
40 CF 10
41 RTN
42 LBL "DI"      ;Format ANOVA Table for Output
43 >="="        ;Append Equal Sign
44 FIX 4
45 ARCL 06
46 AVIEW
47 "DF="        ;Degrees of Freedom
48 FIX 0
49 ARCL X
50 AVIEW
51 RCL 06
52 X<>Y
53 /
54 FIX 4
55 "MS="        ;Mean Square
56 ARCL X
57 AVIEW
58 ADV
59 END

```

```

006FC000F300534910362133011123A800AC08A806AC07A804
1EF2524390F332AD0AB200222AB300021123A800AC09A8041E
F252432290F203415192069603B100A907A908A909A90A85C0
00F30044449F27F3D9C049B067EF344463D9C009B737E267143
9C04F34D533D9B737E8FC0000DC3

```

```

111 BYTES

```

## HP-41C Least Squares L1 by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 12

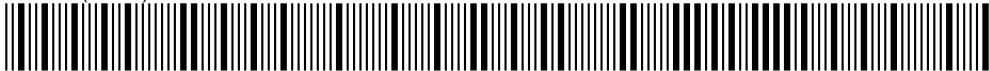
Row 1 (1 - 4)



Row 2 (4 - 8)



Row 3 (9 - 16)



Row 4 (16 - 23)



Row 5 (23 - 27)



Row 6 (27 - 31)



Row 7 (31 - 32)



# HP-41C Least Squares IN by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 9

Row 1 (1 - 6)



Row 2 (7 - 18)



Row 3 (18 - 23)



Row 4 (23 - 30)



Row 5 (31 - 33)



# HP-41C Least Squares XT by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 11

Row 1 (1 - 8)



Row 2 (9 - 15)



Row 3 (16 - 22)



Row 4 (23 - 31)



Row 5 (31 - 39)



Row 6 (39 - 45)



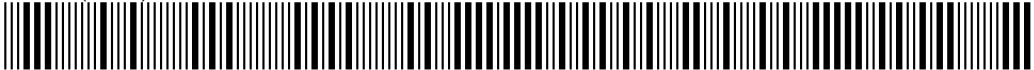
# HP-41C Least Squares MI by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 60

Row 1 (1 - 8)



Row 2 (9 - 14)



Row 3 (15 - 26)



Row 4 (26 - 32)



Row 5 (33 - 40)



Row 6 (41 - 49)



Row 7 (49 - 57)



Row 8 (58 - 67)



Row 9 (68 - 74)



Row 10 (75 - 80)



Row 11 (81 - 87)



Row 12 (88 - 98)



Row 13 (99 - 105)



Row 14 (106 - 112)



Row 15 (113 - 121)



Row 16 (121 - 127)



# HP-41C Least Squares MI by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Row 17 (128 - 136)



Row 18 (136 - 144)



Row 19 (145 - 151)



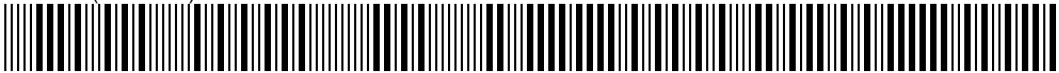
Row 20 (151 - 161)



Row 21 (161 - 168)



Row 22 (169 - 175)



Row 23 (175 - 181)



Row 24 (182 - 194)



Row 25 (195 - 201)



Row 26 (202 - 212)



Row 27 (213 - 221)



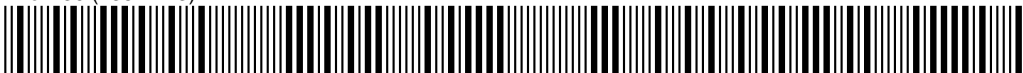
Row 28 (221 - 229)



Row 29 (229 - 235)



Row 30 (235 - 243)



Row 31 (243 - 245)



Row 32 (245 - 249)



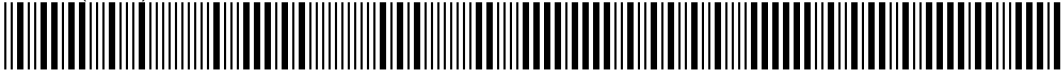
# HP-41C Least Squares YI by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 15

Row 1 (1 - 8)



Row 2 (9 - 14)



Row 3 (15 - 22)



Row 4 (22 - 29)



Row 5 (30 - 35)



Row 6 (36 - 41)



Row 7 (41 - 48)



Row 8 (48 - 51)



# HP-41C Least Squares JM by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 5

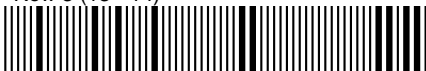
Row 1 (1 - 7)



Row 2 (8 - 13)



Row 3 (13 - 14)



# HP-41C Least Squares OUT by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 35

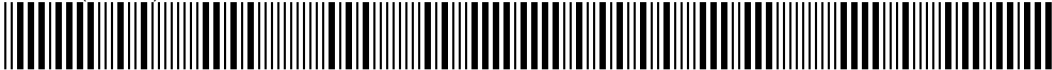
Row 1 (1 - 7)



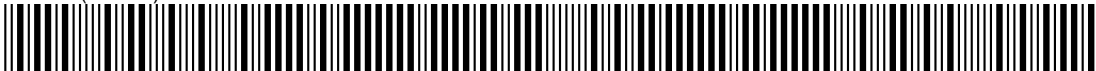
Row 2 (7 - 12)



Row 3 (13 - 18)



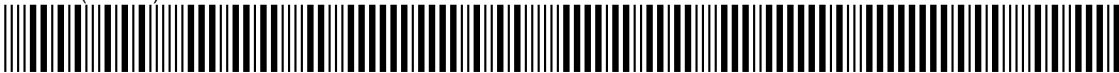
Row 4 (18 - 25)



Row 5 (25 - 31)



Row 6 (32 - 38)



Row 7 (38 - 45)



Row 8 (46 - 51)



Row 9 (52 - 57)



Row 10 (58 - 64)



Row 11 (64 - 69)



Row 12 (70 - 76)



Row 13 (77 - 81)



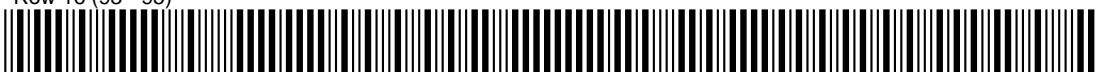
Row 14 (81 - 86)



Row 15 (87 - 92)



Row 16 (93 - 95)



## HP-41C Least Squares OUT by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Row 17 (95 - 98)



Row 18 (99 - 104)



Row 19 (105 - 108)



## HP-41C Least Squares RC by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 8

Row 1 (1 - 7)



Row 2 (7 - 16)



Row 3 (17 - 26)



Row 4 (27 - 35)



Row 5 (36 )



## HP-41C Least Squares MM by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 13

Row 1 (1 - 8)



Row 2 (8 - 13)



Row 3 (14 - 22)



# HP-41C Least Squares MM by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Row 4 (22 - 27)



Row 5 (28 - 36)



Row 6 (36 - 42)



Row 7 (42 - 49)



# HP-41C Least Squares SI by John H. Nickel PPC V9 N7 P25 Oct-Nov 1982

Program Registers Needed: 16

Row 1 (1 - 8)



Row 2 (9 - 14)



Row 3 (14 - 22)



Row 4 (23 - 29)



Row 5 (30 - 37)



Row 6 (38 - 42)



Row 7 (43 - 48)



Row 8 (48 - 55)



Row 9 (56 - 59)

