

```
01 LBL A
02 LBL 11
03 "PRGM"
04 ASTO X
05 RTN
06 LBL 98
07 1
08 "READ? 0=NO"
09 PROMPT
10 X=0?
11 GTO 99
12 "ROWS?"
13 PROMPT
14 STO 21
15 "COLS?"
16 PROMPT
17 STO 22
18 XEQ 96
19 LBL 15
20 XEQ 97
21 XROM 30,03 ;RDTAX
22 RCL 29
23 ST+ 28
24 ISG 27
25 GTO 15
26 GTO 99
27 LBL B
28 XEQ 11
29 STOP
30 LBL 00
31 RTN
32 LBL C
33 XEQ 11
34 STOP
35 LBL 99
36 1
37 "WRITE? 0=NO"
38 PROMPT
39 X=0?
40 GTO 99
41 XEQ 96
42 LBL 16
43 XEQ 97
44 TONE 09
45 XROM 30,08 ;WDTAX
46 RCL 29
47 ST+ 28
48 ISG 27
49 GTO 16
50 LBL 99
51 "END"
52 ASTO X
53 STOP
54 LBL 96
55 RCL 21
56 1 E3
57 /
58 1
59 +
60 STO 27
61 RCL 22
62 30
63 +
64 1 E3
65 /
66 31
67 +
```

```

68 STO 28
69 RCL 22
70 STO Y
71 1 E3
72 /
73 +
74 STO 29
75 RTN
76 LBL 97
77 FIX 0
78 CF 29
79 "ROW "
80 ARCL 27
81 >" CARD:"
82 AVIEW
83 RCL 28
84 SF 29
85 END

```

```

00C9CF660CF45052474D9A7385CF6211FA524541443F20303D
4E4F8E67D00063F5524F57533F8E9115F5434F4C533F8E9116
E00060CF0FE00061A783901D921C961BD0000FD00063CF67E0
000B840185CF68E0000B84CF6311FB57524954453F20303D4E
4F8E67D00063E00060CF10E000619F09A788901D921C961BD0
0010CF63F3454E449A7384CF609015111B13431140911B9016
131040111B1343131140911C90169172111B134340911D85CF
619C00A91DF4524F57209B1BF77F20434152443A7E901CA81D
C0000D05

```

201 BYTES

HP-41C Data Processing Memory Map by Don Botkin
PPC Calculator Journal V7 No 3 Pg 14 April 1980

```

01 "MEMORY MAP"
02 ADV
03 ADV
04 SF 12
05 XROM 29,08 ;PRA
06 CF 28
07 CF 29
08 9
09 ENTER
10 CLX
11 LBL 00
12 "R"
13 X<=Y?
14 >"0"
15 ARCL X
16 >"= "
17 ARCL IND X
18 XROM 29,08 ;PRA
19 1
20 +
21 GTO 00
22 END

```

```

0030FA4D454D4F5259204D41508F8FA80CA748A91CA91D1983
7701F15246F27F309B73F37F3D209BF3A7481140B100C0000D
B4

```

48 BYTES

```
01 "LOAD ARRAY"
02 AVIEW
03 "ROWS=?"
04 TONE 09
05 PROMPT
06 STO 21
07 "COLS.=?"
08 TONE 09
09 PROMPT
10 STO 22
11 1 E3
12 /
13 1
14 +
15 STO 24
16 RCL 21
17 1 E3
18 /
19 1
20 +
21 STO 25
22 LBL 00
23 "DATA? ."
24 FIX 0
25 RCL 25
26 INT
27 ARCL X
28 RCL 24
29 INT
30 ARCL X
31 TONE 09
32 PROMPT
33 RCL 24
34 RCL 25
35 1
36 -
37 RCL 22
38 *
39 +
40 30
41 +
42 X<>Y
43 STO IND Y
44 ISG 24
45 GTO 00
46 RCL 24
47 FRC
48 1
49 +
50 STO 24
51 ISG 25
52 GTO 00
53 END
```

0071FA4C4F41442041525241597EF6524F57533D3F9F098E91
15F7434F4C532E3D3F9F098E9116111B134311409118901511
1B13431140911901F7444154413F202E9C009019689B739018
689B739F098E901890191141901642401310407191F29618B1
00901869114091189619B100C0000DF5

113 BYTES

HP-41C Data Processing Plot Routine by Don Botkin
PPC Calculator Journal Volume 7 N3 P14 April 1980

```
01 LBL A
02 LBL 11
03 "PRGM"
04 ASTO X
05 RTN
06 LBL 98
07 "MIN?"
08 PROMPT
09 STO 28
10 STO 00
11 "MAX?"
12 PROMPT
13 STO 29
14 STO 01
15 168
16 STO 02
17 CLX
18 STO 03
19 STO 04
20 ADV
21 ADV
22 SF 12
23 VIEW 31
24 CF 12
25 XROM 29,09 ;PRAXIS
26 RTN
27 LBL B
28 XEQ 11
29 STOP
30 LBL 00
31 5.016
32 STO 23
33 LBL 01
34 RCL IND 23
35 RCL IND X
36 RCL 28
37 RCL 29
38 168
39 XROM 29,24 ;STKPLOT
40 ISG 23
41 GTO 01
42 ADV
43 RTN
44 LBL C
45 XEQ 11
46 STOP
47 LBL 99
48 "END"
49 AVIEW
50 END
```

0063CF660CF45052474D9A7385CF62F44D494E3F8E911C30F4
4D41583F8E911D31111618327733348F8FA80C981FA90CA749
85CF67E0000B8401151A101116911702909790F3901C901D11
1618A7589617B2008F85CF68E0000B84CF63F3454E447EC000
0DF2

99 BYTES

HP-41C Data Processing Row Operations by Don Botkin
PPC Calculator Journal Volume 7 No 3 P14 April 1980

```
01 SF 27
02 "ROWS"
03 ASTO X
04 STOP
05 LBL E
06 XEQ 98
07 RCL 22
08 1 E3
09 /
10 1
11 +
12 31
13 LBL 12
14 STO IND Y
15 1
16 +
17 ISG Y
18 GTO 12
19 XEQ 00
20 RCL 21
21 1 E3
22 /
23 2
24 +
25 STO 25
26 LBL 13
27 RCL 22
28 1 E3
29 /
30 1
31 +
32 RCL 22
33 LBL 14
34 ST+ IND Y
35 ISG Y
36 GTO 14
37 XEQ 00
38 ISG 25
39 GTO 13
40 GTO 99
41 LBL D
42 XROM 30,01 ;MRG
43 LBL A
44 LBL 11
45 "PRGM"
46 ASTO X
47 RTN
48 LBL 98
49 RTN
50 LBL B
51 XEQ 11
52 STOP
53 LBL 00
54 RTN
55 LBL C
56 XEQ 11
57 STOP
58 LBL 99
59 END
```

```
0070A81BF4524F57539A7384CF6AE000629016111B13431140
13110D91F211409672BD00E000009015111B1343124091190E
9016111B1343114090160F92F29672BF00E000009619BE00D0
0063CF69A781CF660CF45052474D9A7385CF6285CF67E0000B
840185CF68E0000B84CF63C0000DAE
```

112 BYTES

HP-41C Data Processing Card R/W by Don Botkin PPC V7 N3 P14 April 1980

Program Registers Needed: 29

Row 1 (1 - 6)



Row 2 (7 - 9)



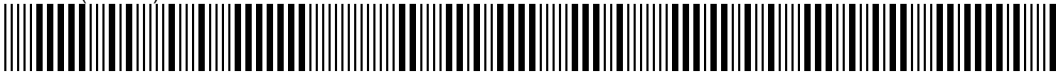
Row 3 (10 - 14)



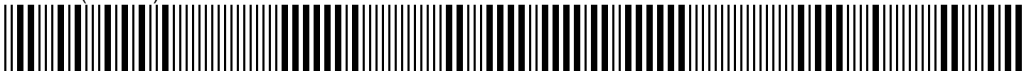
Row 4 (15 - 19)



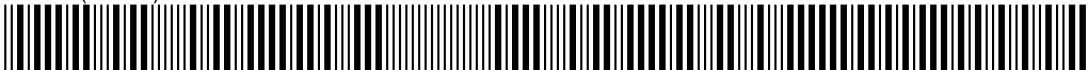
Row 5 (19 - 25)



Row 6 (25 - 31)



Row 7 (32 - 37)



Row 8 (37 - 40)



Row 9 (41 - 46)



Row 10 (46 - 51)



Row 11 (51 - 58)



Row 12 (59 - 66)



Row 13 (66 - 73)



Row 14 (74 - 79)



Row 15 (79 - 83)



Row 16 (83 - 85)



HP-41C Data Processing KB Load by Don Botkin PPC V7 N3 P14 April 1980

Program Registers Needed: 17

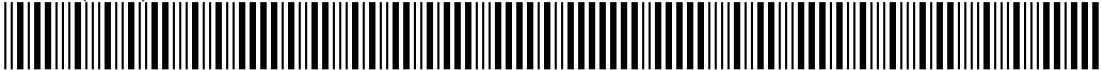
Row 1 (1 - 3)



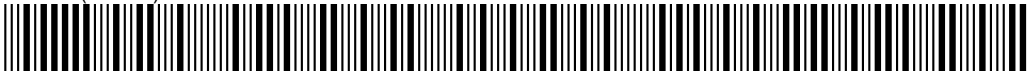
Row 2 (3 - 7)



Row 3 (7 - 11)



Row 4 (11 - 19)



Row 5 (20 - 24)



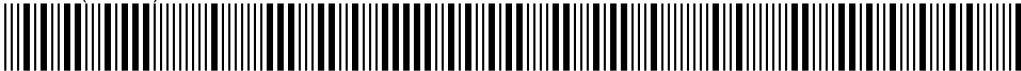
Row 6 (24 - 31)



Row 7 (32 - 40)



Row 8 (41 - 49)



Row 9 (50 - 53)



HP-41C Data Processing Mem Map by Don Botkin PPC V7 N3 P14 April 1980

Program Registers Needed: 7

Row 1 (1 - 3)



Row 2 (4 - 12)



Row 3 (12 - 17)



Row 4 (18 - 22)



HP-41C Data Processing Plotting by Don Botkin PPC V7 N3 P14 April 1980

Program Registers Needed: 15

Row 1 (1 - 6)



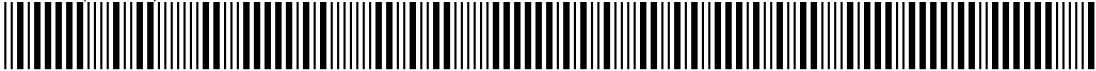
Row 2 (7 - 11)



Row 3 (11 - 20)



Row 4 (21 - 28)



Row 5 (28 - 34)



Row 6 (34 - 40)



Row 7 (40 - 47)



Row 8 (48 - 50)



HP-41C Data Processing Row Ops by Don Botkin PPC V7 N3 P14 April 1980

Program Registers Needed: 16

Row 1 (1 - 6)



Row 2 (6 - 13)



Row 3 (14 - 20)



Row 4 (21 - 28)



Row 5 (28 - 36)



Row 6 (37 - 42)



Row 7 (42 - 48)



Row 8 (48 - 56)



Row 9 (56 - 59)

