

HP-41C Get Matrix Routine by V.A Wegener  
PPC Journal Vol 12 No 12 Pg 27 Dec, 1985  
Uses: HP-41C/CV w/XF or HP-41CX, CCD ROM  
Also utilizes HP-IL and HP-IL Tape Drive

```
01 LBL "GETM" ;Get Matrix Routine
02 .
03 XROM 28,14 ;SEEKR
04 XROM 28,09 ;READRX
05 ASTO X
06 CLA
07 ARCL 00
08 XROM 25,07 ;ATOX
09 X<>Y
10 XROM 25,07 ;ATOX
11 XROM 25,07 ;ATOX
12 ISG X
13 "" ;F0
14 XROM 25,30 ;PSIZE
15 DSE X
16 X<>Y
17 /
18 LASTX
19 E3
20 /
21 +
22 ARCL Y
23 XROM 09,30 ;MDIM
24 XROM 28,08 ;READR
25 "R000,"
26 ARCL Y
27 CLST
28 XROM 09,32 ;MOVE
29 END ;59 BYTES
```

003BC000F5004745544D1AA70EA7099A73879B00A64771A647  
A6479673F0A65E97737143761B1343409B72A25EA708F55230  
30302C9B7273A260C0000DF3

HP-41C View Matrix by V.A. Wegener  
PPC Journal V12 N12 Pg 27 Dec 1985  
Requires HP-41C/CV/CX with CCD ROM

```
01 LBL "VM" ;View Matrix Routine
02 XROM 09,22 ;IJ=A
03 CF 22
04 LBL 01
05 XROM 09,11 ;?IJ
06 ENTER
07 CLA
08 XROM 11,06 ;ARCLI
09 FRC
10 E3
11 *
12 >"," ;Append comma
13 XROM 11,06 ;ARCLI
14 >": " ;Append colon, space
15 X<>Y
16 XROM 09,37 ;R>+
17 ARCL X
18 AVIEW
19 FS? 00
20 STOP
21 FC?C 22
22 GTO 01
23 RCL Z
24 XROM 09,21 ;IJ=
25 X<>Y
26 XROM 09,10 ;>R+
27 X<>Y
```

```
28 XROM 09,21 ;IJ=
29 GTO 01
30 END ;58 BYTES
```

```
003AC000F300564DA256A91602A24B8387A2C6691B1342F27F
2CA2C6F37F3A2071A2659B737EAC0084AB16B2009071A25571
A24A71A255B200C0000D35
```

HP-41C View Tape File by V.A. Wegener  
PPC Journal Vol 12 No 12 P27 Dec 1985  
Requires: HP-IL, Tape Drive & CCD ROM

```
01 LBL "VTFL" ;View Tape File Routine
02 STO 03
03 XROM 28,14 ;SEEKR
04 ASTO 00
05 CF 22
06 LBL 01
07 "R"
08 RCL 03
09 XROM 11,06 ;ARCLI
10 >": " ;Append colon, space
11 2
12 XROM 28,09 ;READRX
13 ARCL 02
14 AVIEW
15 FS? 00
16 STOP
17 FS?C 22
18 GTO 02
19 1
20 ST+ 03
21 GTO 01
22 LBL 02
23 STO 02
24 RCL 03
25 CLA
26 ARCL 00
27 XROM 28,14 ;SEEKR
28 2
29 XROM 28,22 ;WRTRX
30 RCL 03
31 XROM 28,14 ;SEEKR
32 GTO 01
33 END ;62 BYTES
```

```
003EC000F5005654464C33A70E9A00A91602F15223A2C6F37F
3A2012A7099B027EAC0084AA16B300119203B200033223879B
00A70E12A71623A70EB200C0000D39
```

HP-41C Save Matrix by V.A. Wegener  
PPC Journal V12 N12 Pg 28 Dec 1985  
Requires HP-41C/CV w/XF or HP-41CX  
Uses HP-IL, Tape Drive, CCD module

```
01 LBL "SAVEM" ;Save Matrix Routine
02 XROM 09,19 ;DIM
03 INT
04 LASTX
05 FRC
06 E3
07 *
08 *
09 1
10 +
11 XROM 25,30 ;PSIZE
12 CLST
13 XROM 09,19 ;DIM
14 ASTO L
15 "R000"
```

```
16 XROM 09,30 ;MDIM
17 ARCL L
18 >"," ;Append comma
19 4
20 XROM 25,06 ;AROT
21 CLST
22 XROM 09,32 ;MOVE
23 CLA
24 ARCL L
25 XROM 28,21 ;WRTR
26 END ;53 BYTES
```

0035C000F600534156454DA2536876691B1342421140A65E73  
A2539A74F452303030A25E9B74F27F2C14A64673A260879B74  
A715C0000D36

HP-41C View Records by V.A. Wegener  
PPC Journal Vol 12 N12 P28 Dec 1985  
Uses: HP-41C/CV w/XF and CCD module

```
01 LBL "VR" ;View Data File Records
02 XROM 25,43 ;SEEKPTA
03 CF 22
04 LBL 01
05 "R"
06 XROM 25,33 ;RCLPT
07 XROM 11,06 ;ARCLI
08 >": " ;Append colon, space
09 XROM 25,23 ;GETX
10 ARCL X
11 AVIEW
12 FS? 00
13 STOP
14 FC?C 22
15 GTO 01
16 XROM 25,33 ;RCLPT
17 1
18 -
19 XROM 25,42 ;SEEKPT
20 X<>Y
21 XROM 25,41 ;SAVEX
22 X<>Y
23 XROM 25,42 ;SEEKPT
24 GTO 01
25 END ;50 BYTES
```

0032C000F3005652A66BA91602F152A661A2C6F37F3A20A657  
9B737EAC0084AB16B200A6611141A66A71A66971A66AB200C0  
000DF2

# HP-41C Get Matrix by V.A. Wegener PPC V12 N12 P27 Dec 1985

Program Registers Needed: 9

Row 1 (1 - 4)



Row 2 (5 - 12)



Row 3 (12 - 21)



Row 4 (22 - 26)



Row 5 (26 - 29)



# HP-41C View Matrix by V.A. Wegener PPC V12 N12 P27 Dec 1985

Program Registers Needed: 9

Row 1 (1 - 5)



Row 2 (6 - 13)



Row 3 (14 - 20)



Row 4 (21 - 28)



Row 5 (28 - 30)



# HP-41C View Tape File by V.A. Wegener PPC V12 N12 P27 Dec 1985

Program Registers Needed: 9

Row 1 (1 - 4)



Row 2 (5 - 11)



Row 3 (12 - 19)



Row 4 (20 - 28)



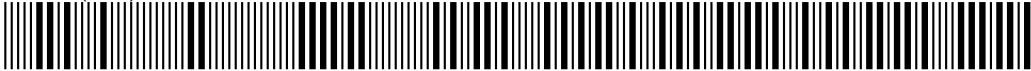
Row 5 (29 - 33)



# HP-41C Save Matrix by V.A. Wegener PPC V12 N12 P28 Dec 1985

Program Registers Needed: 8

Row 1 (1 - 4)



Row 2 (5 - 14)



Row 3 (14 - 18)



Row 4 (19 - 26)



Row 5 ( 26 )



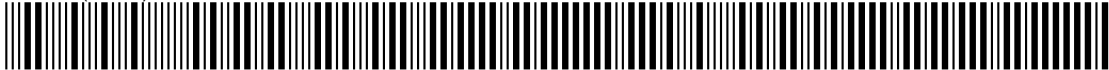
# HP-41C View Records by V.A. Wegener PPC V12 N12 P28 Dec 1985

Program Registers Needed: 8

Row 1 (1 - 5)



Row 2 (6 - 11)



Row 3 (12 - 19)



Row 4 (20 - 25)

