

HP-41C Transmission Lines Zs & Zl by Carter P. Buck  
PPC Calculator Journal Volume 9 N7 P17 Oct-Nov 1982

```
01 LBL "ZL"      ;Transmission Line Load Impedance
02 SF 10
03 GTO 14
04 LBL "ZS"      ;Transmission Line Source Impedance
05 CF 10
06 LBL 14
07 R^
08 STO N
09 R^
10 STO M
11 STO O
12 X<> L
13 TAN
14 ST* O
15 ST* Y
16 X<> O
17 XEQ 14
18 RDN
19 X<> O
20 ST* Z
21 ST* T
22 X<> O
23 X<> M
24 RDN
25 X<> N
26 RDN
27 XEQ 14
28 X<> N
29 R^
30 X<> M
31 R-P
32 R^
33 R^
34 R-P
35 ST/ Z
36 RDN
37 ST- Z
38 RDN
39 RCL N
40 RCL M
41 R-P
42 ST* Z
43 RDN
44 ST+ Z
45 R^
46 P-R
47 R^
48 R^
49 P-R
50 X<> O
51 ATAN
52 SIGN
53 X>0?
54 GTO 13
55 RDN
56 FC? 43
57 180
58 FS? 43
59 PI
60 ST+ L
61 LBL 13
62 X<> O
63 CLA
64 CF 10
65 RTN
66 LBL 14
67 FS? 10
```

68 CHS  
69 X<> Y  
70 FC? 10  
71 CHS  
72 R^  
73 ST+ Z  
74 R^  
75 ST+ Z  
76 RDN  
77 END

0083C000F3005A4CA80ABF00C000F3005A53A90A0F74917674  
91759177CE745B94779472CE77E0000E75CE7794719470CE77  
CE7575CE7675E0000ECE7674CE754F74744F95717593717590  
7690754F9471759271744E74744ECE775E7A64BE0075AD2B11  
1810AC2B7292740ECE7787A90A850FAC0A54CE72AD0A547492  
7174927175C0000DB2

131 BYTES

# HP-41C Transmission Lines by Carter P. Buck PPC V9 N7 P17 Oct-Nov 1982

Program Registers Needed: 19

Row 1 (1 - 4)



Row 2 (4 - 11)



Row 3 (11 - 17)



Row 4 (18 - 25)



Row 5 (25 - 33)



Row 6 (34 - 42)



Row 7 (42 - 52)



Row 8 (53 - 60)



Row 9 (60 - 69)



Row 10 (69 - 77)



Row 11 ( 77 )

