WWW

Chapter1 > 1DoubleStubMatching (1)	1 FitH 5440
Section1 > Double-stub Matching	1 Fit~9 Fit0
Chapter2 > 2Sec1100_01 (1)	11 FitH 5446
Section2 > Transmission Lines	11 Fit6
Section3 > Conducting wire vs. transmission lines	12 Fit~13 Fit6
Section4 > Transmission lines	14 Fit7
Section5 > Telegraph and Transmission Lines	15 Fit8
Section6 > Development of transmission-line theory	16 Fit8
Section7 > Applications of Transmission Lines	17 Fit8
Section8 > Uniform Plane Electromagnetic Waves, Voltage and Current Waves along 7	T18n5it9ssion Lines
Section9 > Waves in Free Space	19 Fit10
Section10 > Uniform Plane Waves	20 Fit10
Section11 > Solution form of uniform plane waves	21 Fit10
Section12 > Harmonic wave equation and solutions	23 Fit12
Section13 > Parallel-plate line	24 Fit12
Section14 > Several Types of Transmission Lines	28 Fit14
Section15 > Transmission Lines	29 Fit14
Section16 > Electromagnetic waves and propagation in a space with conducting wires:	#@Eltric5circuits and cu
Chapter3 > 3Sec1102_03 (2)	33 FitH 54416
Section17 > General Transmission Lines	33 Fit16
Section18 > Types of Transmission Lines	34 Fit17
Section19 > Distributed equivalent circuit	35 Fit18
Section20 > Lossy or General Transmission Lines	36 Fit18
Section21 > Typical Transmission Line Parameters	37 Fit18
Section22 > Traveling-wave properties of V and I	38 Fit~39 Fit19
Section23 > Transmission line equations with harmonic time dependence	40 Fit20
Section24 > Voltage waves and current waves	41 Fit20
Section25 > Characteristic impedance	42 Fit21
Section 26 > Lossless Line $(R = 0 = G)$	43 Fit22
Section27 > Distortionless Line (R/L = G/C)	45 Fit22
Section28 > Low-loss Transmission Lines	46 Fit23
Chapter4 > 4Sec1104 (3)	47 FitH 54424
Section29 > Input Impedance, Standing Wave Ratio, and Power	47 Fit24
Section30 > Input Impedance and Reflection Coefficient	48 Fit24
Section31 > Lossless solutions in the sinusoidal steady state	50 Fit25
Section32 > General solutions in the sinusoidal steady state and Line impedance	51 Fit26
Section33 > Transmission-line circuit and Reflection coefficients	52 Fit26
Section34 > Reflection coefficients	53 Fit26
Section35 > Impedances	54 Fit27
Section36 > Input Impedance	55 Fit28
Section37 > Current and Voltage at Input End	56 Fit28
Section38 > Standing Wave Patterns	57 Fit28
Section39 > Standing Wave Ratio and Complex Reflection Coefficient	58 Fit29
Section40 > Standing waves pattern	59 Fit30

Section41 > Complex G and Standing Wave Ratio	60 Fit30
Section42 > Locations of Vmax and Vmin	61 Fit30
Section43 > Slotted Line (Impedance Measurement)	62 Fit31
Section44 > Low-loss Line	63 Fit32
Section45 > Special Loads and Powers	64 Fit32
Section46 > Some special cases	65 Fit32
Section47 > Experimental determination of	70 Fit35
Section48 > Numerical example	71 Fit36
Section49 > Powers	72 Fit36
Section50 > Maximum power transfer	73 Fit36
Section51 > Input Power	74 Fit37
Section52 > Transferred Power	75 Fit38
Section53 > Efficiency of transferred power	76 Fit38
Section54 > Power transfer of multi-sections	77 Fit38
Chapter5 > 5Sec1105 (2)	78 FitH 54439
Section55 > The Smith Chart	78 Fit39
Section56 > Transformation among G and z	79 Fit40
Section57 > EXAMPLE 11.4	80 Fit40
Section58 > Construction of Smith chart	82 Fit41
Section59 > The Smith Chart	83 Fit42
Section60 > Admittance chart	84 Fit42
Section61 > Smith Chart: A nomogram for math calculations	85 Fit42
Section62 > EXAMPLE 11.5	86 Fit43
Chapter6 > 6Sec1106 (1)	88 FitH 54444
Section63 > Example 11.6	91 Fit46
Section64 > Transmission-Line Matching	92 Fit46
Section65 > Quarter-Wave Transformer	93 Fit46
Section66 > Quarter-wave transformer matching technique	95 Fit48
Section67 > Example	96 Fit48
Section68 > Frequency response and bandwidth	98 Fit49
Section69 > Transformation across a discontinuity	100 Fit50
Section70 > Bilinear Transformation	101 Fit~102 Fit50
Section71 > Mismatch of a quarter-wave transformer	103 Fit52
Section72 > Discontinuity due to mismatch lines and a shunted admittance	104 Fit52
Section73 > Rao¡ls Example 7.7 Application of the Smith chart to transformation	
Section74 > Single-Stub Matching	106 Fit53
Section75 > Shorted-Stub	107 Fit54
Section76 > Single-Stub Tuner (Matching): Using Smith Chart	108 Fit~109 Fit54
Section77 > Single-Stub Matching	110 Fit55
Section78 > Single-Stub Tuner (Matching): Using Smith Chart	111 Fit56
Section79 > Single-Stub Tuner (Matching)	112 Fit56
Section80 > Single-Stub Tuner (Matching): analytical method	113 Fit56
Section81 > Example 11.7	114 Fit~115 Fit57
Section82 > Matching bandwidth	116 Fit58

Section83 > Double-stub Matching	117 Fit58
Section84 > Some Applications of Transmission Lines	88 Fit44
Section85 > Slotted Line (Impedance Measurement)	89 Fit44
Chapter7 > 7Sec1107 (1)	119 FitH 54460
Section86 > Transient Analysis and Bounce Diagrams	119 Fit60
Section87 > Current bounce diagram	124 Fit62
Section88 > Bounce Diagram for Pulse Excitation	125 Fit62
Section89 > Time-domain Reflectometry (TDR) Measurements ®É°ì¤Ï®gak	129 Fit64
Section90 > Time-domain reflectometry (TDR)	134 Fit67
Section91 > Comparison	139 Fit70
Chapter8 > 8smithchart (1)	N/A-1
Chapter9 > 9Transient analysis (1)	142 FitH 54471
Section92 > Transmission Lines: Comprehensive Introduction	142 Fit71
Section93 > Outline	143 Fit72
Section94 > Bounce Diagram	144 Fit72
Section95 > Junction between two lines	145 Fit72
Section96 > Constant voltage excitation	146 Fit73
Section97 > Pulse excitation	147 Fit74
Section98 > System of transmission lines in cascade	148 Fit74
Section99 > Time-domain reflectometry (TDR)	149 Fit74