WWW

Chapter1 > 1DoubleStubMatching (1)	1 FitH 544
Section1 > Double-stub Matching	1 Fit~9 Fit
Chapter2 > 2Sec1100_01 (1)	11 FitH 544
Section2 > Transmission Lines	11 Fit
Section3 > Conducting wire vs. transmission lines	12 Fit~13 Fit
Section4 > Transmission lines	14 Fit
Section5 > Telegraph and Transmission Lines	15 Fit
Section6 > Development of transmission-line theory	16 Fit
Section7 > Applications of Transmission Lines	17 Fit
Section8 > Uniform Plane Electromagnetic Waves, Voltage and Current Waves along	T18nsitnission Lines
Section9 > Waves in Free Space	19 Fit
Section10 > Uniform Plane Waves	20 Fit
Section11 > Solution form of uniform plane waves	21 Fit
Section12 > Harmonic wave equation and solutions	23 Fit
Section13 > Parallel-plate line	24 Fit
Section14 > Several Types of Transmission Lines	28 Fit
Section15 > Transmission Lines	29 Fit
Section16 > Electromagnetic waves and propagation in a space with conducting wire	s: 80eEtric circuits and cu
Chapter3 > 3Sec1102_03 (2)	33 FitH 544
Section17 > General Transmission Lines	33 Fit
Section18 > Types of Transmission Lines	34 Fit
Section19 > Distributed equivalent circuit	35 Fit
Section20 > Lossy or General Transmission Lines	36 Fit
Section21 > Typical Transmission Line Parameters	37 Fit
Section22 > Traveling-wave properties of V and I	38 Fit~39 Fit
Section23 > Transmission line equations with harmonic time dependence	40 Fit
Section24 > Voltage waves and current waves	41 Fit
Section25 > Characteristic impedance	42 Fit
Section26 > Lossless Line $(R = 0 = G)$	43 Fit
Section27 > Distortionless Line (R/L = G/C)	45 Fit
Section28 > Low-loss Transmission Lines	46 Fit
Chapter4 > 4Sec1104 (3)	47 FitH 544
Section29 > Input Impedance, Standing Wave Ratio, and Power	47 Fit
Section30 > Input Impedance and Reflection Coefficient	48 Fit
Section31 > Lossless solutions in the sinusoidal steady state	50 Fit
Section32 > General solutions in the sinusoidal steady state and Line impedance	51 Fit
Section33 > Transmission-line circuit and Reflection coefficients	52 Fit
Section34 > Reflection coefficients	53 Fit
Section35 > Impedances	54 Fit
Section36 > Input Impedance	55 Fit
Section37 > Current and Voltage at Input End	56 Fit
Section38 > Standing Wave Patterns	57 Fit
Section39 > Standing Wave Ratio and Complex Reflection Coefficient	58 Fit
Section40 > Standing waves pattern	59 Fit

	Section41 > Complex G and Standing Wave Ratio	60 Fit
	Section42 > Locations of Vmax and Vmin	61 Fit
	Section43 > Slotted Line (Impedance Measurement)	62 Fit
	Section44 > Low-loss Line	63 Fit
	Section45 > Special Loads and Powers	64 Fit
	Section46 > Some special cases	65 Fit
	Section47 > Experimental determination of	70 Fit
	Section48 > Numerical example	71 Fit
	Section49 > Powers	72 Fit
	Section50 > Maximum power transfer	73 Fit
	Section51 > Input Power	74 Fit
	Section52 > Transferred Power	75 Fit
	Section53 > Efficiency of transferred power	76 Fit
	Section54 > Power transfer of multi-sections	77 Fit
Ch	apter5 > 5Sec1105 (2)	78 FitH 544
	Section55 > The Smith Chart	78 Fit
	Section56 > Transformation among G and z	79 Fit
	Section57 > EXAMPLE 11.4	80 Fit
	Section58 > Construction of Smith chart	82 Fit
	Section59 > The Smith Chart	83 Fit
	Section60 > Admittance chart	84 Fit
	Section61 > Smith Chart: A nomogram for math calculations	85 Fit
	Section62 > EXAMPLE 11.5	86 Fit
Ch	apter6 > 6Sec1106 (1)	88 FitH 544
	Section63 > Example 11.6	91 Fit
	Section64 > Transmission-Line Matching	92 Fit
	Section65 > Quarter-Wave Transformer	93 Fit
	Section66 > Quarter-wave transformer matching technique	95 Fit
	Section67 > Example	96 Fit
	Section68 > Frequency response and bandwidth	98 Fit
	Section69 > Transformation across a discontinuity	100 Fit
	Section70 > Bilinear Transformation	101 Fit~102 Fit
	Section71 > Mismatch of a quarter-wave transformer	103 Fit
	Section72 > Discontinuity due to mismatch lines and a shunted admittance	104 Fit
	Section73 > Rao¡ls Example 7.7 Application of the Smith chart to transformation acros	s105liEitontinuity
	Section74 > Single-Stub Matching	106 Fit
	Section75 > Shorted-Stub	107 Fit
	Section76 > Single-Stub Tuner (Matching): Using Smith Chart	108 Fit~109 Fit
	Section77 > Single-Stub Matching	110 Fit
	Section78 > Single-Stub Tuner (Matching): Using Smith Chart	111 Fit
	Section79 > Single-Stub Tuner (Matching)	112 Fit
	Section80 > Single-Stub Tuner (Matching): analytical method	113 Fit
	Section81 > Example 11.7	114 Fit~115 Fit
	Section82 > Matching bandwidth	116 Fit

Section83 > Double-stub Matching	117 Fit
Section84 > Some Applications of Transmission Lines	88 Fit
Section85 > Slotted Line (Impedance Measurement)	89 Fit
Chapter7 > 7Sec1107 (1)	119 FitH 544
Section86 > Transient Analysis and Bounce Diagrams	119 Fit
Section87 > Current bounce diagram	124 Fit
Section88 > Bounce Diagram for Pulse Excitation	125 Fit
Section89 > Time-domain Reflectometry (TDR) Measurements ®É°ì¤Ï®gak	129 Fit
Section90 > Time-domain reflectometry (TDR)	134 Fit
Section91 > Comparison	139 Fit
Chapter8 > 8smithchart (1)	N/A
Chapter9 > 9Transient analysis (1)	142 FitH 544
Section92 > Transmission Lines: Comprehensive Introduction	142 Fit
Section93 > Outline	143 Fit
Section94 > Bounce Diagram	144 Fit
Section95 > Junction between two lines	145 Fit
Section96 > Constant voltage excitation	146 Fit
Section97 > Pulse excitation	147 Fit
Section98 > System of transmission lines in cascade	148 Fit
Section99 > Time-domain reflectometry (TDR)	149 Fit