"Radio Frequency and Microwave Electronics Illustrated"

By: Dr. Matthew M. Radmanesh

Errata sheet

Changes

Page No.	Location	From	To
117	Eqs. 4.12 & 4.13	$\prec\prec$	<<
*123	Fig. 4.16(b)	location of V_{CB} & V_{BE}	move to center with respect to + & –
128	Fig. 4.22	ma	mA
330	Fig. 9.5(b)	$2B\ell$	$2\beta\ell$
383	Problem 10.4 end	none	(λ/8 TL, 50 Ω)
383	Fig. P10.4, λ/8	none	λ/8, 50 Ω
384	Problem 10.9 end	none	(f=1 GHz)
395	Case I:	L1 (twice)	L2 (twice)
402	Fig. 11.21	labels missimg	add (a), (b)
402	Fig. 11.21(a)	B and dark dot above it	delete them
405	Fig. 11.24c	ℓ_1, ℓ_2	$\ell_1 \rightarrow \ell_2$, $\ell_2 \rightarrow \ell_1$
405	Fig. 11.24c	location of $-jb_1$, $-jb_2$	Same as in Figs. 11.24a,b
406	step 4 .	jb_1 and jb_2	$-jb_1$ and $-jb_2$
407	Part c.	jb_1=j1.33,jb_2= -j1.33	$-jb_1$=j1.33,$-jb_2$= -j1.33
407	Fig. 11.26	d_1 and d_2 location	See new Fig. 11.26
408	Fig. 11.27	jb_1 and jb_2	$-jb_1$ and $-jb_2$
409	Fig. 11.30b	ℓ_1, ℓ_2	$\ell_1 \rightarrow \ell_2$, $\ell_2 \rightarrow \ell_1$
409	Fig. 11.30b	location of jx_1, jx_2	same as in Figs. 11.30a
411	Fig. 11.34b	none	50 Ω (for two series TLs)
419	Problem 11.1 end	none	(use 100 Ω system)
518	line above Eq. 15.19c	15.19 into 15.17	15.19 into 15.17 and 15.18
591	First line	Dielectric Resonator...	III. Dielectric Resonator...
592	First line	Cavity Tuned...	IV. Cavity Tuned...
*609	location of Fig. 18.11	present location	insert Just before section 8.4
*610	location of Z'_{IN},Γ'	present location	move left closer to dashed line
773	Title	Example 2-A FET	Example 2-AN FET
789	Appendix M, Eq. M.7	g_S 1+$\lvert S_{11}\Gamma_S\rvert^2$+….	$g_S(1+\lvert S_{11}\Gamma_S\rvert^2+\ldots$.
806	Glossary, Gauss's law	$\oint_C$	$\oint_S$
826 (twice)	index, Bipolar Junction tran…	Hybrid-p model (twice)	Hybrid-π model
*829	index, dBmW	dBmW	dBμW
829	index, Decibel (dB)	1 microwatt (dBmW)	1 microwatt (dBμW)
832	index, Frequency	Integrated Frequency	Intermediate Frequency
834	index	Hybrid-p circuit	Hybrid-π circuit
834	index	Hybrid-p model	Hybrid-π model
834	index, IF	(Integrated Frequency)	(Intermediate Frequency)

834	|index	I_L	IL
834	|index	Insertion loss (I_L)	Insertion loss (IL)
835	|index	Integrated Frequency	Intermediate Frequency
844	|index	Second-order Hybrid-p model	Second-order Hybrid-π model
851	|4th to last line	optics.	optics. He received the→

→distinguished lecturer award at the 1994 IEEE International Microwave Symposium and was awarded→

→twice by IEEE LA Council for his contributions to the MTT society (1994,1995).

CD-ROM corrections

Example 7.10, Example 7.11, Example 18.4
Download these files and replace the existing examples.