

Massimo Rudan - **Physics of Semiconductor Devices (Springer), second edition, 2018**

Errata corrige (December 17, 2019)

Location	Erratum	Corrige
Page 129, first line	indicates	indicate
Page 137, 8 lines before the last one	(Fig 6.5)	Eliminate “(Fig. 6.5)”
Page 245, two lines before Eq. (12.35)	for linear harmonic oscillator	for the linear harmonic oscillator
Page 374, 10 lines before the last one	here better	here are better
Page 403, right before Eq. (17.206)	c_3, c_4 :	c_3, c_4 :
Page 423, 7 th line	yields to	Yields
Page 473, 8 lines before the last one	one-dimensional case and let	one-dimensional case and lets
Page 513, right after Eq. (20.14)	with a and d standing for	with A and D standing for
Page 531, third line of Sect. 20.5.2	the more suitable	a more suitable
Page 561, Fig. 21.11, vertical axis	ρ	E
Page 617, one line before the last one	edge shift	edge shifts
Page 664, Eq. (22.156)	cost (twice)	const (twice)
Page 687, 8 lines before the last one	energy of ions	energy of the ions
Page 748, Eq. (A.17)	grad f	grad f^*
Page 749, Eq. (A.24)	grad f	grad f^*
Page 749, Eq. (A.26)	grad f	grad f^*
Page 754, 10 lines before the last one.	matrices matrices	matrices
Page 756, two lines after Eq. (A.46)	and let λ be an eigenvalue	and lets λ be an eigenvalue
Page 759, two lines after Eq. (A.53)	any choice of vector a	any choice of vector a , with $a \neq 0$
Page 769, one line before the last one.	solution methods,	solution method,
Page 776, 8 lines before the last one	methods (A.13.3).	methods (Sect. A.13.3).
Page 777, footnote	, namely, a must be either strictly positive or strictly negative	Eliminate the whole sentence
Page 778, footnote	from the boundary condition.	from the boundary conditions.
Page 780, three lines before Eq. (A.121)	piecewise constant	piecewise linear

Page 791, two lines after Eq. (B.35)	last integral in (B.34),	last integral in (B.35),
Page 829, right before Eq. (C.143)	$B(x) [\exp(x) - 1] / x,$	$B(x) [\exp(x) - 1] / x = 1,$
Page 830, two lines before Eq. (C.149)	$\tilde{B}'_k(y)$	$\tilde{B}_k(y)$
Page 866, 6 lines before the first equation	of single state	of a single state
Page 867, line 25	to place	ways to place
Page 878, solution to Prob. 22.11, first equation	$(1/g)$	$(1/r)$
Page 886, Ref. 6	Acaling	Scaling