

## Chapter 1 corrections

Page	Paragraph	Line	Correction
vi		1	change lases to lasers
vi	2	1	change books to book
vi	3	4	change Mrs. to Messrs.
vi	3	5	change Shun to Shu
8	1	2	change wavers to wafers
9	3	12	change application to applications
15	4	5	change radiation to radiation energy
17		12	change WsK to Ws/K
18	1	3	change radiation density to radiation energy density per frequency
22	6	4	change $\omega_a$ to $\Delta\omega_a$
25	1	1	change energy density to energy density per frequency
28	1	9	change $\text{cm}^{-1}$ to $\text{ms}^{-1}$
38		2	change $(n+n_{\text{tot}})$ to $n+n_{\text{tot}}$

## Chapter 2 corrections

48	1	3	change yttrium fluoride to yttrium lithium fluoride
53	3	2	change $\text{LiSrAlF}_6$ to $\text{LiSrAlF}_6$
56	1	10	change $\text{cm}^3$ to $\text{cm}^{-3}$
59	Fig 2.2		change R2 to R1
65	2	3	change the to their
65	2	4	change section to sections
73	2	8	change $\mu\text{m}$ to $\mu\text{s}$
76	prob 4	4	change he to the

## Chapter 3 corrections

85	1	eqn. 3.24	change -1 to $^{-1}$ (same as in eqn. 3.26 in SSLE)
86	2	3	change conditions to condition
86	2	6	"of by how" can be changed to "of how"
87		6	change counterpropagation to counterpropagating
91		2	change surface to surface area
eqn. 3.56 compared to 3.29			S has different font size (and is inconsistent elsewhere as well i.e. eqn. 4.8 compared with 4
119	prob 4	2	change equations (3.47) and (3.48) to equation (3.48)

## Chapter 4 corrections

124		eqn. 4.7	change $E_i$ to $E_{\text{in}}$
135	2	eqn. 4.25	change $\eta_T$ to $\eta_t$
140		3	change lower to laser
145	5	3	change $P_c$ to $P_{\text{cr}}$
145	5	8	change $\Delta n/n$ to $\Delta n_o/n_o$

## Chapter 5 corrections

149	1	6	change cylindrical and rectangular to rectangular and cylindrical
156	2	2	change $t_1$ to $L_1$
159	1	3	change $L_1=0$ and $L_2=L$ to $L_1=L$ and $L_2=0$
160	Figure 5.8		change $g_1g_2=2$ to $g_1g_2=1$
161	5	13	change by by to by
177	2	2	change Farady to Faraday

## Chapter 6 corrections

198	2 4 and 5		change match by to matches
200		1	change GaA/AlGaAs to GaAs/AlGaAs
209	2	5	change yttrbium to ytterbium

211	1	5 after 1.5eV add there
222	1	1 change rode to rod
222	1	5 change 2nd arrays to optics
223	4	3 change 180 W to 120 W
232	1	9 change length to length, $l$
236	3	7 change Fig. 3.27 to Fig. 3.26
238	2	1 change devices to device
240		2 change to pumps to pump's

## Chapter 7 corrections

247	0	1 change (3.53) to (3.53))
252	2 eqn. 7.16	change $R_s$ to $\sqrt{2} * R_s$
261	eqns. 7.41-2	change $P_a$ to $P_h$
266	1	7 change $y$ to $z$
269 caption	fig. 7.13	change Fig. 7.12 to Fig. 7.11
276	4	1 change geometrics to geometries

## Chapter 8 corrections

281	3	1 change involves to involve
282	2 eqn. 8.9	change $\ln^z$ to $\ln z$
288		4 change is to are
291	1	1 change $\text{KH}_2\text{PO}_\text{H}$ to $\text{KH}_2\text{PO}_4$
291	1	1 change $\text{KD}_2\text{PO}_\text{H}$ to $\text{KD}_2\text{PO}_4$
296	2	4 change 1st to to of
296	3	8 change as to as a
298	2	3 change to though to thought
303	2	4 change transitions to transition

## Chapter 9 corrections

322	1	2 change saggital to sagittal
322	4	1 change phase to frequency
323	Fig. 9.12	change PM to FM
326	2	3 change typically to typical
330	2	1 change materials to material
334	1	11 change equivalent of to equivalent to
334	4	2 change $\beta$ to $\alpha_p$
335		7 change $\beta$ to $\alpha_p$
335	eqn. 9.33	change $n$ to $n_0$
337 prob. 1		2 change $N+1$ to $N$
337 prob. 1		11 change zero to one
338 prob.2		5 change $N+1$ to $N$

## Chapter 10 corrections

341	eqn. 10.2	change $\mathbf{P}_i = \mathbf{X}_{ij} \mathbf{E}_j$ to $\mathbf{P}_i = \epsilon_0 \mathbf{X}_{ij} \mathbf{E}_j$
349	1	6 change $n_c$ to $n^c$
356	eqn 10.29	change $n_1^0$ to $n_1^o$
356	1	6 change $n_1^0$ to $n_1^o$
356	4	7 change characteristics, the to characteristics. The
359		2 change mirrors to beams
367	fig. 10.13	change HT at 1.61 $\mu\text{m}$ to HT at 1.06 $\mu\text{m}$
367	2	2 change ideal to idler
369	3	5 change $n_o$ to $n_0$
373	3	3 change $k=0$ to $\Delta k=0$

374	1	1 delete in
374	1	2 change utilizes to utilize
377	3	7 change Brillouian to Brillouin
381		1 change simulated to stimulated
382		6 delete the comma
382		7 delete while
382	eqn. 10.65	change $v$ to $v_0$
382	eqn. 10.65	change $v_0$ to $v$



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