

July 1, 2008

Errata for first printing of *Euclidean and Transformational Geometry* by Shlomo Libeskind, Jones and Bartlett, 2008. *Note: where particular entries have nothing in the "is" column, this is deliberate and means that what "should be" is not present; where there are parentheses in the "is" column what is inside is for explanation only.*

page number	is	should be
30 line 6	$\triangle PAC$	$\triangle PAB$
58 problem 10d	a quadrilateral	a trapezoid
82 Figure 2.12	( $B$ and $Q$ not connected)	connect $B$ with $Q$
90 problem 15		after "bisects $\angle ASC$ " add "and intersects $\overline{AC}$ at $D$ ."
90 problem 15	$\angle STC$	$\angle SDC$
126 top of pg Figure (b)	(a dot missing)	add a dot in row 4 last column
144 top figure	(II is not a parallelogram)	II should be a parallelogram
144 figure in problem 14	vertices $A$ and $D$	replace $A$ with $B$ and $D$ with $A$
189 problem 14	$AB \cdot BC$	$AB \cdot AC$
189 problem 15	$\frac{abc}{R}$	$\frac{abc}{4R}$
200 Figure 4.33	$1 - x$ (between $B$ and $F$ )	$x - 1$
214 problem 10	The answer may surprise you. Why?	Delete this sentence
227 Figure 4.47	$DB = \sin(\alpha + \alpha)$	$DB = \sin(\alpha + \beta)$
313	convex quadrilateral	parallelogram
333 Figure 7.20	$C_2$ (on far right)	$C_3$
334 Figure 7.21	(origin not labeled)	$O$ (where $x$ and $y$ axes intersect)
335 first line after 7.33	(see Now Solve This 7.3)	(See Now Solve This 7.4)
336 in #2	7.3	7.4
340 line 3	$M_k =$	$M_k(z) =$
340 problem 20 (a)	$a \neq 1$	$a \neq 0$
341 problem 21(d)	a subgroup	a subset but not a subgroup
359 bottom line in #9	$(4.5\sqrt{3} - 2\pi)a^2$	$(\pi - \sqrt{3} - 1)a^2$
362 in #6	$C(0, 1)$	$A(0, 1)$
362 in # 12	$M_\ell(\ell^{2i\theta} \bar{z})$	$M_\ell(e^{2i\theta} \bar{z})$

note: the line above the "z" should be lower than it is in both of these, as in the rest of problem 12