

Corrections to
Mathematics via Problems
Part 2 Geometry
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Updated version of these corrections:
<http://users.mccme.ru/mskopenkov/skopenkov-pdf/mb126-erratum.pdf>

page	paragraph	printed text	corrected text
throughout	throughout	height	altitude
3	1.1.4	(see Problem 2.4.1)	(see Section 4 “The radical axis” in Chapter 10)
21	1.8.13(b)	inscribed	escribed
21	1.8.1	are concurrent	have a common point
22	1.8.3	$(90^\circ + \angle C/2)$	$(90^\circ + \angle C/2) - 90^\circ$
22	Footnote 5	tangency points of its excircles	tangency points of its excircles with the sides
41	2.1.4	MNEF	MNFE
48	2.4.8	assuming that	in the case when
52	2.6.3	point W	point $W \neq A$
55	section title	transformations	isometries
55	before 3.1.1	transformation (about O)	transformation (of the plane or space)
55	before 3.1.1	transformation mapping	transformation (of the plane or space) mapping
61	before 3.1.14	arc BC not containing B	arc BC not containing A
62	3.2.2	A motion	Prove that an isometry
73	3.5.11	right	equilateral
74	3.5.3	maps PP'	maps segment PP'
102	5.2.5	maps ABC to	maps A, B, C to vertices of
112	6.2.10(b),(c)	Find	Construct
112	6.2.11	Find the locus of all points	Construct a point
112	6.2.12(a)	Find points	Find the locus of all points
133	before 7.3.15		(e) Find all rotational symmetries (see the definition in Section 3 “Classification of isometries of space” in Chapter 3) that transform a given cube into itself. (f) The same for a regular tetrahedron. (g) The same for a regular octahedron.
146	8.1.12	construct	erect
154	before 8.2.10	$S_{\triangle BCD} = \frac{1}{2}S_{\triangle BCE}$	$S_{\triangle BCE} = \frac{1}{2}S_{\triangle BCD}$
166	before §4	the boundary of the figure α_1	the curve α_1
167	8.4.8	three bisectors	there exist three bisectors
167	8.4.8	intersect at one point	that have two common points