

# Contents

	<b>Publisher's Foreword</b> .....	v
	<b>Foreword</b> .....	vii
<b>1</b>	<b>Introduction</b> .....	1
<b>2</b>	<b>Geometry of Conic Sections</b> .....	3
<b>3</b>	<b>The Physics of Conic Sections and Ellipsoids</b> .....	19
<b>4</b>	<b>Projective Geometry</b> .....	33
<b>5</b>	<b>Complex Algebraic Curves</b> .....	55
<b>6</b>	<b>A Problem for School Pupils</b> .....	77
<b>A</b>	<b>Into How Many Parts Do <math>n</math> Lines Divide the Plane?</b> .....	85
	<b>Editors' Comments on Gudkov's Conjecture</b> .....	95
	<b>Notes</b> .....	97

Real Algebraic Geometry

Arnold, V.I. - Itenberg, I.; Kharlamov, V.; Shustin, E.I.

(Eds.)

2013, IX, 100 p. 126 illus., Softcover

ISBN: 978-3-642-36242-2