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6 The Elementary Course in Mathematics in the Soviet School, 1969-1990's; 7 Elementary Mathematical Education in Russia, 1990's; 7.1 Fundamental Program Requirements and Characteristics of Contemporary Textbooks; 7.2 The Content of the Elementary Course in Mathematics; 7.2.1 Numbers and arithmetical operations; 7.2.2 Arithmetical problems; 7.2.3 Magnitudes; 7.2.4 Geometrical content; 7.2.5 Elements of algebra; 7.2.6 Elements of combinatorics; 7.2.7 Elements of logic, set theory, modeling; 7.2.8 Working with data; 8 Conclusion

References Chapter 3. On the Teaching of Geometry in Russia Alexander Karp and Alexey Werner; 1 Introduction; 2 The Contents of the Course in Geometry in Russian Schools; 3 The Aims and Characteristics of the Course in Geometry in Russia; 4 On the Conditions Under Which Geometry Is Taught; 5 Toward a History of the Course in Geometry in Russia (USSR); 5.1 From Kiselev to Kolmogorov; 5.2 Kolmogorov's Textbooks for Basic Schools; 5.3 Geometry Textbooks for Basic Schools from the Late 1970's to the 1980's; 5.3.1 A. V. Pogorelov's geometry textbook
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5.3.3 The textbooks of A. D. Alexandrov and his coauthors; 5.4 Textbooks That Appeared After the Collapse of the USSR; 5.4.1 I. F. Sharygin's textbooks; 5.4.2 The textbooks of I. M. Smirnova and V. A. Smirnov; 5.4.3 The textbooks of A. L. Werner and his coauthors; 6 Concerning Some Problems with the Course in Geometry in Russia in Recent Decades; 6.1 The Problem of the Rigor of the Course in Geometry; 6.2 Visual and Informal Geometry in the Study of Three-dimensional Geometry in Basic Schools
6.3 The New and the Old in the Teaching of Geometry

Sommario/riassunto

This anthology, consisting of two volumes, is intended to equip background researchers, practitioners and students of international mathematics education with intimate knowledge of mathematics education in Russia. Volume I, entitled Russian Mathematics Ed
