Record Nr. UNINA9910456122103321 Russian mathematics education [[electronic resource]]: history and Titolo world significance / / edited by Alexander Karp, Bruce R. Vogeli Pubbl/distr/stampa Hackensack, N.J., : World Scientific, c2010 **ISBN** 1-282-75820-9 9786612758201 981-4277-06-1 Descrizione fisica 1 online resource (400 p.) Series on mathematics education;; v. 4 Collana Altri autori (Persone) KarpAlexander (Alexander P.) VogeliBruce R (Bruce Ramon) Disciplina 510.71047 Soggetti Mathematics - Study and teaching - Russia - History - 20th century Mathematics - Study and teaching - Russia - History - 21st century Mathematics - Former communist countries Mathematics - Communist countries Communism and education - History Electronic books. Lingua di pubblicazione Inalese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto Contents; Introduction; Chapter 1. Mathematics Education in Russia before the 1917 Revolution Tatiana Polyakova; Chapter 2. Reforms and Counter-Reforms: Schools between 1917 and the 1950's Alexander Karp; References; Chapter 3. Toward a History of Mathematics Education Reform in Soviet Schools (1960's-1980's) Alexander Abramov: Chapter 4. Challenges and Issues in Post-Soviet Mathematics Education Mark Bashmakov; Chapter 5. Mathematicians and Mathematics Education: A Tradition of Involvement Alexey Sossinsky Chapter 6. Russian Traditions in Mathematics Education and Russian Mathematical Contests Mark Saul and Dmitri Fomin Chapter 7. The Relevance of Russian Elementary Mathematics Education Jean Schmittau; Chapter 8. The Preparation of Mathematics Teachers in Russia: Past and Present Natalya Stefanova; Chapter 9. Russian

Influence on Mathematics Education in the Socialist Countries; Chapter 10. Influences of Soviet Research in Mathematics Education Jeremy

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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 ""The History and Relevance of Russian Mathematics Education"", consists of several chapters written by distinguished authorities like Jeremy Kilpatrick and Bruce Vogeli. It examines the history of mathematics education in Russia and its relevance to mathematics education throughout the world. The second volume, entitled ""Programs and Practices"" will examine spec