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Autore	Swoboda Ewa
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Nota di contenuto	Main Topics You Can Find in this "ICME-13 Topical Survey" -- Introduction -- Survey on the State-of-the-art -- Summary and Looking Ahead.
Sommario/riassunto	This book discusses the learning and teaching of geometry, with a special focus on kindergarten and primary education. It examines important new trends and developments in research and practice, and emphasizes theoretical, empirical and developmental issues. Further, it discusses various topics, including curriculum studies and implementation, spatial abilities and geometric reasoning, as well as the psychological roots of geometrical thinking and teacher preparation in geometry education. It considers these issues from historical, epistemological, cognitive semiotic and educational points of view in the context of students' difficulties and the design of teaching and curricula.