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Manifolds: A Historical Perspective -- Basic Aspects of Differential Geometry -- The Global Study of Riemannian-Finsler Geometry -- The Poincaré Conjecture and Related Statements -- A Glimpse into the Problems of the Fourth Dimension -- Memories from My Former Life: The Making of a Mathematician -- Index.

Sommario/riassunto

This is a collection of surveys on important mathematical ideas, their origin, their evolution and their impact in current research. The authors are mathematicians who are leading experts in their fields. The book is addressed to all mathematicians, from undergraduate students to senior researchers, regardless of the specialty.
