

Table of Contents

L'idée de dimension (1943)	1
Topologie und Algebra (1943)	17
Complex-analytic manifolds (1950)	27
Homotopie et dualité (1956)	35
Groupes d'homotopie et dualité (1958)	49
Homotopy and cohomology theory (1962)	61
Simple homotopy type and categories of fractions (1970)	77
Some recent developments in the homology theory of groups (1980)	93
Poincaré duality groups of dimension two are surface groups (1986)	109
Continuous solutions of linear equations – An old problem, its history, and its solution (1991)	121
Mathematics: Questions and Answers (1994)	135
Hurwitz-Radon matrices revisited: From effective solution of the Hurwitz matrix equations to Bott periodicity (1994)	141
Birth of fibre spaces, and homotopy (1996)	155
4-Manifolds, group invariants, and ℓ_2 -Betti numbers (1997)	167
The Euler characteristic – a few highlights in its long history (1999)	177
Topology, algebra, analysis – relations and missing links (1999)	189
Introduction to ℓ_2 -methods in topology: Reduced ℓ_2 -homology, harmonic chains, ℓ_2 -Betti numbers (2000)	197
Die Zukunft der Mathematik. Ein Rückblick auf Hilberts programmatischen Vortrag vor 100 Jahren (2000)	235
Kolmogorov and contemporary mathematics (2003)	241
Is algebraic topology a respectable field? (2004)	245
Social choice and topology. A case of pure and applied mathematics (2004)	257