

Minkowski, H.

Krätzel, Ekkehard (ed.); Weißbach, Bernulf (ed.)

[Hilbert, David]

Selected works on number theory and geometry. With D. Hilbert's commemorative address in honor of H. Minkowski, Göttingen 1909. Edited and with a foreword and appendices by E. Krätzel and B. Weißbach. (Ausgewählte Arbeiten zur Zahlentheorie und zur Geometrie. Mit D. Hilberts Gedächtnisrede auf H. Minkowski, Göttingen 1909. Hrsg. und mit einem Anhang versehen von E. Krätzel und B. Weißbach.) (German. English, French, Russian summaries)

Zbl 0683.01021

Teubner-Archiv zur Mathematik, 12. Leipzig: BSB B. G. Teubner Verlagsgesellschaft; Wien etc.: Springer-Verlag. 261 S. DM 52.00 (1989).

This volume commemorates the 125th anniversary of the birth of Hermann Minkowski (1864–1909) by reproducing from the Teubner 1911 edition of his collected works [JFM 42.0023.03] the title pages, photographs, eight articles on the geometry of numbers and on numbers, and a 1909 commemorative speech by D. Hilbert [JFM 40.0036.05]. An appendix by E. Krätzel discusses Minkowski's work on lattices, continued fractions and diophantine approximation, and quadratic forms and class number, while B. Weissbach treats his work on volumes of convex bodies, polyhedra and solids of constant width.

Reviewer: Edward J. Barbeau (Toronto)

MSC:

01A75 Collected or selected works; reprintings or translations of classics

52A20 Convex sets in n dimensions (including convex hypersurfaces)

52Bxx Polytopes and polyhedra

11-03 History of number theory

Cited in 1 Document

Keywords:

geometry; geometry of numbers; lattices; continued fractions; diophantine approximation; quadratic forms; convex bodies; polyhedra

Biographic references:

Minkowski, Hermann

Full Text: DOI