

80 Years of Zentralblatt MATH

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Editors

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80 Footprints of Distinguished
Mathematicians in Zentralblatt

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Preface

Founded in 1931 by Otto Neugebauer as the printed documentation service *Zentralblatt für Mathematik und ihre Grenzgebiete*, Zentralblatt celebrates its 80th anniversary in 2011. Today it is, under its new name ZBMATH, the most comprehensive reference database in mathematics, and many famous mathematicians have been involved in this service as reviewers or editors. Zentralblatt has covered their work as a part of its general documentation activities, dealing with all mathematicians worldwide. All mathematicians have left their footprints in Zentralblatt in a long list of entries describing their research publications in mathematics.

On the occasion of Zentralblatt's 80th anniversary we are presenting in this book a selection of reviews, one from each year. Many of them are connected with a prominent mathematician related to Zentralblatt as a member of the editorial board or as a reviewer; names like Courant, Kolmogorov, Hardy, Dieudonné, Hirzebruch, Faltings and many others can be found here. In addition to the original reviews, the book offers the authors' profiles as generated by the ZBMATH database, indicating their co-authors, their main research areas, their favourite journals, and the time span of their publication activities. Furthermore, a generously illustrated essay by Silke Göbel describes the history of Zentralblatt.

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