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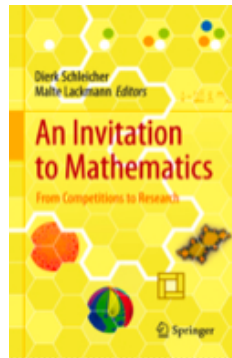
An Invitation to Mathematics

- Extra-muros -



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From Competitions to Research

With contributions by : Béla Bollobás, Timothy Gowers, Robert M. Kerr, László Lovász, Nader Masmoudi, Simon Norton, Marcel Oliver, Alexander A. Razborov, Dierk Schleicher, Stanislav Smirnov, Michael Stoll, Terence Tao, Lloyd N. Trefthen, Jean-Christophe Yoccoz, Günter M. Ziegler

Schleicher, Dierk ; Lackmann, Malte (Eds.)

1st Edition., 2011, XIV, 220 p. 56 illus., 31 in color.

Many contributions by world's leading mathematicians "Active editing" with readers from target reader group -> not only written for young readers, but actually accessible by them Helps bridge the gap between high school and university (for talented students !)

This Invitation to Mathematics consists of 14 contributions, many from the world's leading mathematicians, that introduce the readers to exciting aspects of current mathematical research. The contributions are as varied as the personalities of active mathematicians, but together they show mathematics as a rich and lively field of research.

Ce livre est accessible en ligne

<http://www.springerlink.com/content/978-3-642-19533-4#section=896059&page=7&locus=6>

The contributions are written for interested students at the age of transition between high school and university who know high school mathematics and perhaps competition mathematics and who want to find out what current research mathematics is about. We hope that it will also be of interest to teachers or more advanced mathematicians who would like to learn about exciting aspects of mathematics outside of their own work or specialization.

Together with a team of young "test readers", editors and authors have taken great care, through a substantial "active editing" process, to make the contributions understandable by the intended readership.

Content Level » Lower undergraduate

Keywords » Invitation to Mathematics - high school, competitions, and research

Related subjects » Mathematics