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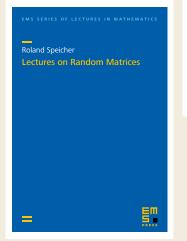
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Lecture Notes on Diophantine Analysis With an Appendix by Francesco Amoroso Second Edition

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The present book is a new, substantially enlarged, version of a previous set of lecture notes on diophantine analysis, published first in 2008, and then in revised form a few years later, by the Edizioni della Scuola Normale. The content mixes a number of rather classical results on diophantine equations and diophantine approximation, with the basic theory of heights and a few more recent results and applications of it.

This second edition contains substantial new material, in the form of new sections, supplements, remarks, and exercises, including "hints", which in fact are much more than scattered suggestions, and practically contain complete details. Occasionally the remarks and the exercises contain miscellaneous results which have not been explicitly published elsewhere.



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This book is based on a lecture series for graduate and advanced undergraduate students at Saarland University, Germany.

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