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作者：Bela Bollobas

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内容概要

The period since the publication of the first edition of this book has seen the theory of random graphs go from strength to strength. Indeed, its appearance happened to coincide with a watershed in the subject; the emergence in the subsequent few years of singnificant new ideas and tools, perhaps most noteably concentration methods, has had a major impact. It could be argued that the subject is now qualitatively different, insofar as results which would previously have been inaccessible are now regarded as routine. Several long standing issues have been resolved, including the value of the chromatic number of a random graph $G-{n,p}$, the existence of Hamilton cycles in random cubic graphs, and precise bounds on certain Ramsey numbers. It remains the case, though, that most of the material in the first edition of the book is vital for gaining an insight into the theory of random graphs.

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