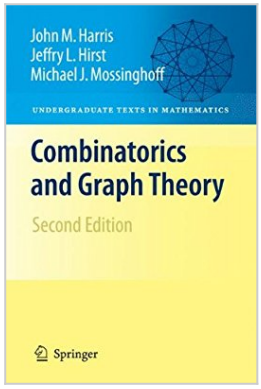

Combinatorics and Graph Theory (Undergraduate Texts in Mathematics)

By John Harris, Jeffry L. Hirst, Michael Mossinghoff

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These notes were first used in an introductory course team taught by the authors at Appalachian State University to advanced undergraduates and beginning graduates. The text was written with four pedagogical goals in mind: offer a variety of topics in one course, get to the main themes and tools as efficiently as possible, show the relationships between the different topics, and include recent results to convince students that mathematics is a living discipline.

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“Combinatorics and Graph Theory is a popular pair of topics to choose for an undergraduate course. … The book is written in a reader-friendly style and there are enough exercises. … It is certainly good that someone took the effort to write … in a form that is appropriate for undergraduates. … the book will most often be used for a reading class by a student who already has a background in combinatorics and who wants to learn about the set theoretical aspect of it.” (Miklós Bóna, SIGACT News, Vol. 40 (3), 2009)

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