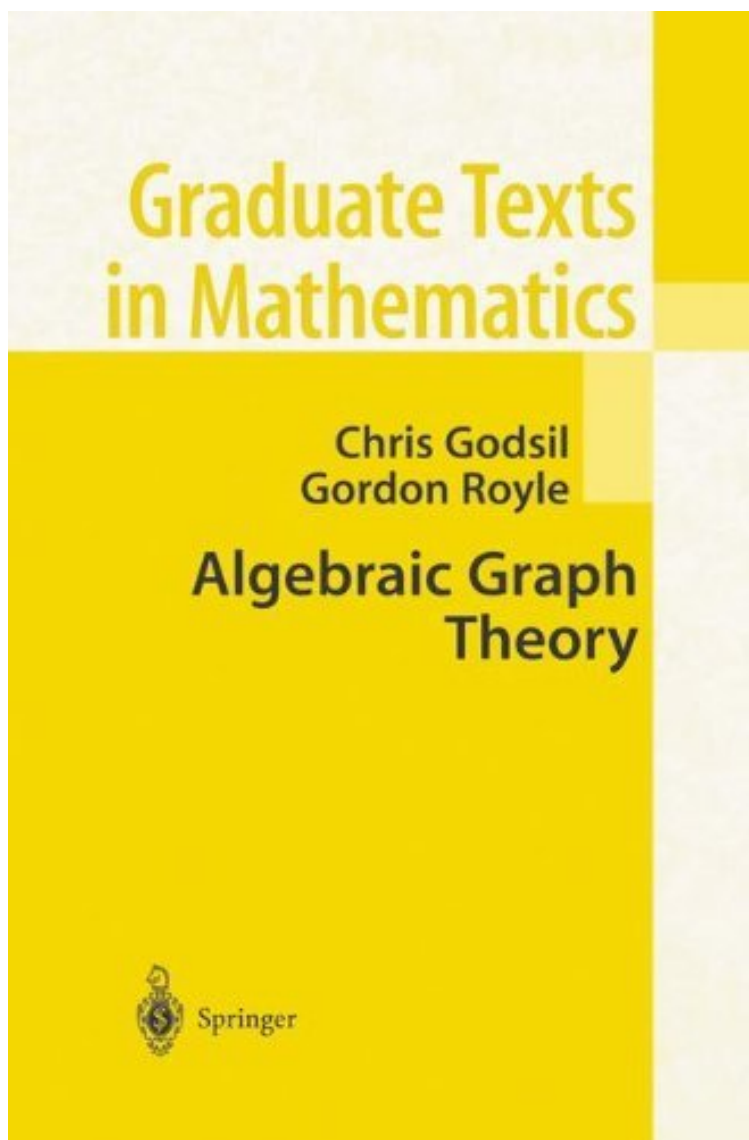


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Algebraic Graph Theory



*Par Chris Godsil, Gordon F. Royle
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Description : Description du produitThis book is primarily aimed at graduate students and researchers in graph theory, combinatorics, or discrete mathematics in general. However, all the necessary graph theory is developed from scratch, so the only pre-requisite for reading it is a first course in linear algebra and a small amount of elementary group theory. It should be accessible to motivated upper-level undergraduates.

Prsentation de l'diteurAlgebraic graph theory is a combination of two strands. The first is the study of algebraic objects associated with graphs. The second is the use of tools from algebra to derive properties of graphs. The authors' goal has been to present and illustrate the main tools and ideas of algebraic graph theory, with an emphasis on current rather than classical topics. While placing a strong emphasis on concrete examples, the authors tried to keep the treatment self-contained.Revue de presse"A welcome addition to the literature . . . beautifully written and wide-ranging in its coverage." --Mathematical s"An accessible

introduction to the research literature and to important open questions in modern algebraic graph theory" --
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Presentation de l'auteur
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