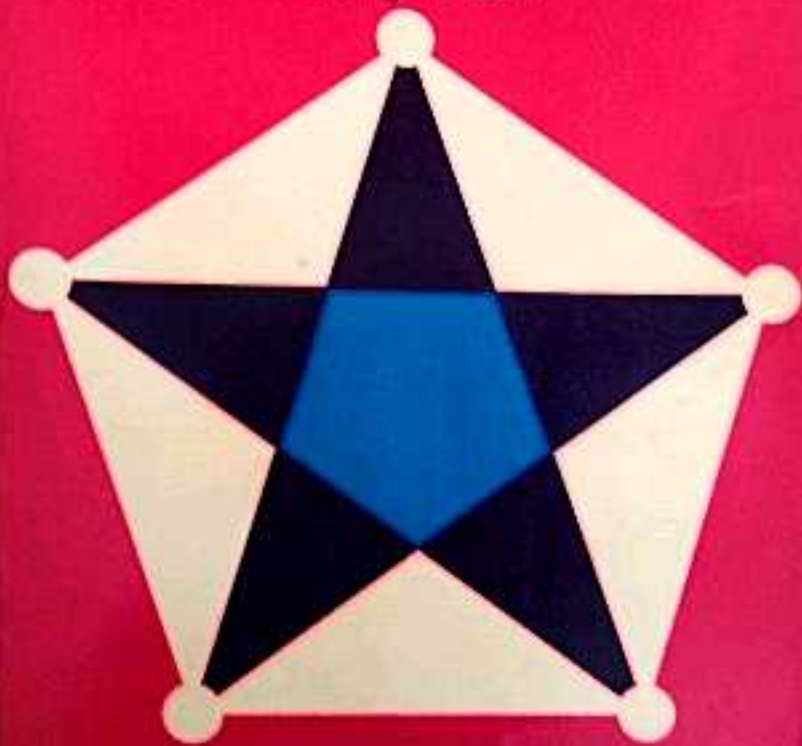


Introduction to Graph Theory

Robin J. Wilson



INTRODUCTION TO
*graph
theory*

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OLIVER & BOYD · EDINBURGH

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This book is mainly concerned with a subject in its own right, as well as being an important mathematical tool in such diverse subjects as engineering, physics, chemistry, geology, genetics, etc. The book will provide a text for the undergraduate and graduate courses which are being given in many British and other universities and it will be a valuable contribution to the subject for non-mathematicians wishing to learn the subject in greater detail.

The book contains introductory chapters on definitions, points and planes, and the properties of lines; the chapters following include such subjects as circles and circles, conic sections, circles, the four circles theorem, Apollonius' problem, spherical geometry and spherical trigonometry. An important feature is the inclusion at the end of each of the 12 chapters, of large numbers of exercises which will not only test the reader on the material in the text, but also introduce him to many methods of more advanced work.



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