

For the most part the notes that comprise this text differ only slightly from those provided to the students during the course. The notes have been merged into a single paper, a few sections have been made more detailed, and various corrigenda have been incorporated. The midterm and final examinations are included in their proper chronological places within the text (chapters 8 and 15), together with the solutions. The only information omitted from this book is that regarding the mechanics of the course—office hours, grading criteria, etc. Homework assignments are included, as they often led to further discussion in the notes. Lecture dates are included to give a feel for the pace at which material was covered, though it should be noted that much of the material in the notes was not actually presented in the lectures, being instead drawn from supplementary notes provided by the instructors or supplied by the author as the notes were written.

A brief word of explanation regarding the dual instructorship of the course: Professor Pólya taught the first two-thirds of the course, reflected in chapters 2 through 7 of this book. Professor Tarjan taught the remainder of the course, as covered in chapters 9 through 14.

Though there was no formal text for the course, a number of books were made available for reference. These books, along with additional texts used by the author in preparing the notes, are listed in the bibliography. The [bracketed] abbreviations given there will be used when referring to one of Pólya's books; the other texts will be referred to by their authors. Though all of the books contain relevant material, not all are specifically referenced in this book. In particular, all mentions of [Harary] refer to *Graph Theory* and not to *A Seminar on Graph Theory*.

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