Contents

Preface

This book is based on cours nology and Stanford Univers method in linear static and d and physical science studen element methodology, fron mentations.

Some sections of this t used as lecture notes in a nu Europe, **Japan,** and the Unite to more experienced analysts

SUBJECTS COVERED

The first chapter of the book simple one-dimensional mod lations of two- and three-dime fact, all problems governed potential flow, elastic membr These serve as the basis for fir illustrate the relationship betw problems and their "weak," approximate solution is empha "variational principles" due tc proach. In Chapter 3 a variety