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Soil Mechanics, Foundations, and Earth Structures

AN INTRODUCTION TO THE THEORY AND
PRACTICE OF DESIGN AND CONSTRUCTION

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PREFACE

and a very condensed presentation, which was facilitated by the provision of a large number of diagrams (approximately 400) and of other illustrations. Case problems and their numerical solutions have been used for the same purpose. Repetition of material available in regularly used textbooks on other subjects has been avoided. For instance, the determination of the depth of concrete and of the steel reinforcement of footings and of retaining walls has not been included in the book. A few selected references are given at the end of each chapter to permit a more detailed study of the subject matter treated in that chapter. In addition, an extensive list of more than 440 references has been provided at the end of the book in support of statements made and to facilitate further advanced studies, including work of a research character.

Our present knowledge of the engineering properties of soils is the result of work by many men in different countries all over the world, and every effort has been made to give in the text of the book proper credit to the pioneers in this field, as well as to their successors.

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