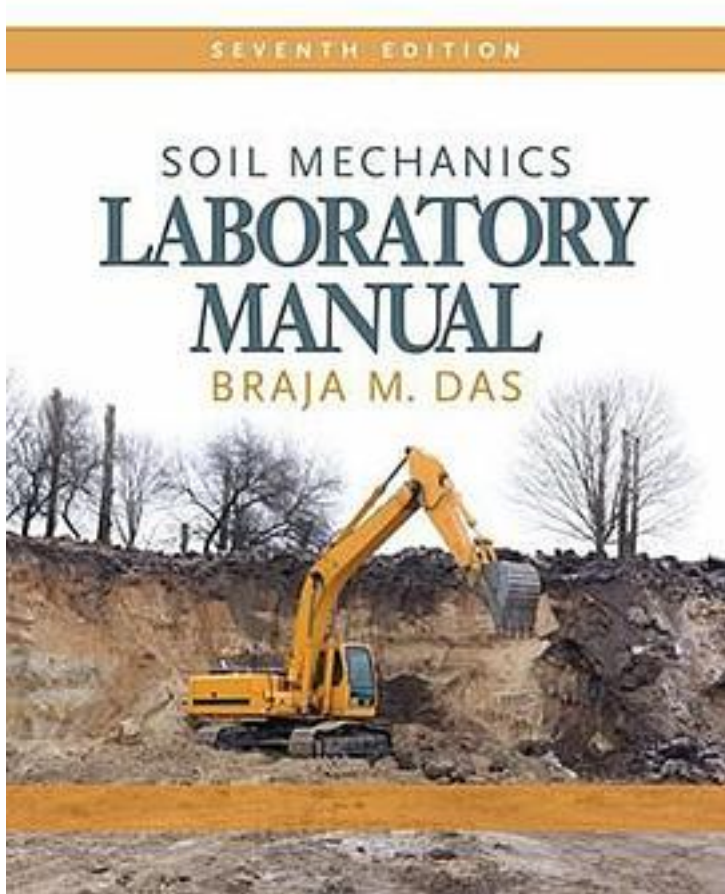


# Soil Mechanics Laboratory Manual



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著者: Braja M Das

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Soil Mechanics Laboratory Manual is the market-leading manual for junior-level soil mechanics/geotechnical engineering laboratory courses. It teaches students the essential properties of soils and their behavior under stress and strain and provides

clear, step-by-step explanations for conducting typical soil tests. The careful explanations of laboratory procedures help foster students' independence, reduce errors, and improve safety. Written by Braja M. Das, respected author of acclaimed texts in geotechnical and foundation engineering, this manual also provides a detailed discussion of the AASHTO Classification System and the Unified Soil Classification System.

This seventh edition is enhanced by five appendices, including the newly added Appendix E that contains semi-log and linear duplicate graph paper.

## Features

Comprehensive selection of class-tested labs

New photograph program to better illustrate textual material

Includes sample calculations and graphs relevant to each laboratory test

Includes blank, perforated data sheets (accompanying each test) for ease-of-use in the laboratory and teaching simple, best-practice report preparation

Provides references and five useful appendices:

Appendix A: Weight-Volume Relationships

Appendix B: Conversion Factors

Appendix C: Data Sheets for Laboratory Experiments

Appendix D: Data Sheets for Preparation of Laboratory Reports

Appendix E: Semi-log and Linear Duplicate Graph Paper

## 作者介绍:

Braja M Das, Dean Emeritus of Engineering, California State University, Sacramento.

## 目录:

[Soil Mechanics Laboratory Manual\\_下载链接1\\_](#)

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