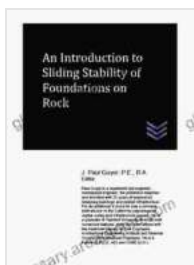


An Introduction to Sliding Stability of Foundations on Rock Geotechnical

An Introduction to Sliding Stability of Foundations on Rock Geotechnical is a comprehensive and up-to-date guide to the fundamentals of rock geotechnical engineering, with a focus on the stability of foundations on rock. The book covers a wide range of topics, including the characterization of rock masses, the design of rock foundations, and the assessment of sliding stability.

The book is written by a team of leading experts in the field of rock geotechnical engineering. The authors have combined their extensive experience in research and practice to produce a book that is both authoritative and accessible. The book is well-organized and clearly written, making it an essential resource for engineers, geologists, and other professionals who work with rock foundations.



An Introduction to Sliding Stability of Foundations on Rock (Geotechnical Engineering) by J. Paul Guyer

★★★★☆ 4.5 out of 5

Language : English
File size : 1080 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 38 pages
Lending : Enabled

FREE

DOWNLOAD E-BOOK



Chapter 1:

The first chapter of the book provides an overview of the field of rock geotechnical engineering and the importance of sliding stability. The chapter also introduces the basic concepts of rock mechanics and the different types of rock masses that are encountered in practice.

Chapter 2: Characterization of Rock Masses

The second chapter of the book covers the characterization of rock masses. The chapter discusses the different methods that are used to characterize rock masses, including field mapping, laboratory testing, and geophysical methods. The chapter also provides guidance on how to interpret the results of these characterization methods.

Chapter 3: Design of Rock Foundations

The third chapter of the book covers the design of rock foundations. The chapter discusses the different types of rock foundations that are used in practice, including spread footings, pile foundations, and caissons. The chapter also provides guidance on how to design these foundations for sliding stability.

Chapter 4: Assessment of Sliding Stability

The fourth chapter of the book covers the assessment of sliding stability. The chapter discusses the different methods that are used to assess sliding stability, including limit equilibrium methods, finite element methods, and centrifuge testing. The chapter also provides guidance on how to interpret the results of these assessment methods.

Chapter 5: Case Studies

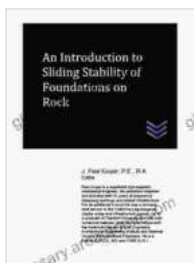
The fifth chapter of the book presents a series of case studies that illustrate the application of the concepts and methods that are covered in the book. The case studies cover a wide range of rock foundation projects, including dams, bridges, and buildings.

An to Sliding Stability of Foundations on Rock Geotechnical is a valuable resource for engineers, geologists, and other professionals who work with rock foundations. The book provides a comprehensive and up-to-date guide to the fundamentals of rock geotechnical engineering, with a focus on the stability of foundations on rock.

Free Download Your Copy Today!

An to Sliding Stability of Foundations on Rock Geotechnical is available for Free Download from the following retailers:

- Our Book Library
- Barnes & Noble
- Book Depository



An Introduction to Sliding Stability of Foundations on Rock (Geotechnical Engineering) by J. Paul Guyer

★★★★☆ 4.5 out of 5

Language : English
File size : 1080 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 38 pages
Lending : Enabled

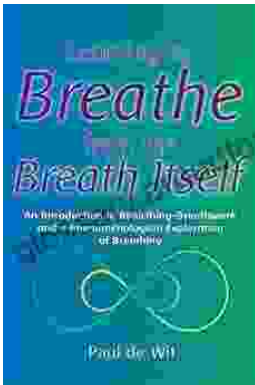
FREE

DOWNLOAD E-BOOK



Letters to My Bipolar Self: A Journey of Hope, Healing, and Acceptance

Bipolar disorder is a serious mental illness that can cause extreme mood swings, from mania to depression. It can be a devastating...



Learning to Breathe from the Breath Itself: A Transformative Guide to Mindfulness and Well-being

In the whirlwind of modern life, finding moments of peace and tranquility can seem like a distant dream. However, within the depths of our own being lies a tool that holds...