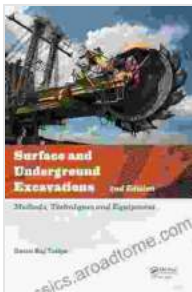


Surface and Underground Excavations: A Comprehensive Guide for Engineers and Contractors

By John C. Santamarina, Carlos R. Rinaldi, and Jianye Ching

Surface and Underground Excavations: A Comprehensive Guide for Engineers and Contractors is the definitive reference on excavating methods and techniques. This second edition has been fully updated to reflect the latest advances in the field, and includes new chapters on excavation safety and environmental protection.



Surface and Underground Excavations, 2nd Edition: Methods, Techniques and Equipment by Andrew Blum

★★★★☆ 4.5 out of 5

Language : English

File size : 47431 KB

Screen Reader : Supported

Print length : 904 pages



The book provides a comprehensive overview of the entire excavation process, from planning and design to construction and maintenance. It covers a wide range of topics, including:

- Excavation methods for different types of soil and rock
- Slope stability analysis and design
- Groundwater control and dewatering

- Tunnel and shaft excavation
- Excavation safety and environmental protection

Surface and Underground Excavations is an essential resource for engineers and contractors involved in any type of excavation project. It is also a valuable reference for students and researchers in the field of geotechnical engineering.

Table of Contents

- 1.
2. Excavation Methods for Different Types of Soil and Rock
3. Slope Stability Analysis and Design
4. Groundwater Control and Dewatering
5. Tunnel and Shaft Excavation
6. Excavation Safety and Environmental Protection
7. Case Studies
8. References

Reviews

"Surface and Underground Excavations is the definitive reference on excavating methods and techniques. This second edition has been fully updated to reflect the latest advances in the field, and includes new chapters on excavation safety and environmental protection. It is an essential resource for engineers and contractors involved in any type of excavation project."

—John D. Nelson, P.E., President of the American Society of Civil Engineers

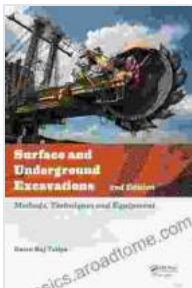
"Surface and Underground Excavations is a comprehensive and up-to-date guide to the entire excavation process. It covers a wide range of topics, from planning and design to construction and maintenance. It is a valuable reference for engineers, contractors, and students in the field of geotechnical engineering."

—Robert J. Jewell, Ph.D., P.E., Professor of Civil Engineering at the University of California, Berkeley

Free Download Your Copy Today!

Surface and Underground Excavations is available in print and digital formats. To Free Download your copy, please visit the following website:

<https://www.crcpress.com/9781138673107>



**Surface and Underground Excavations, 2nd Edition:
Methods, Techniques and Equipment** by Andrew Blum

★★★★☆ 4.5 out of 5

Language : English

File size : 47431 KB

Screen Reader : Supported

Print length : 904 pages

FREE

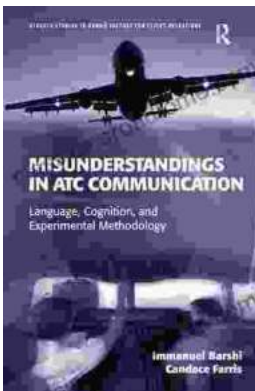
DOWNLOAD E-BOOK





The True Story of Murder and Betrayal

In a small town where everyone knows everyone, a shocking murder rocks the community. The victim is a beloved local woman, and her husband is quickly arrested...



Unraveling the Complexities of Human Language: A Comprehensive Guide to "Language, Cognition, and Experimental Methodology"

Language is a fundamental aspect of human cognition, enabling us to communicate, express ourselves, and interact with the world around us. Understanding how language is...