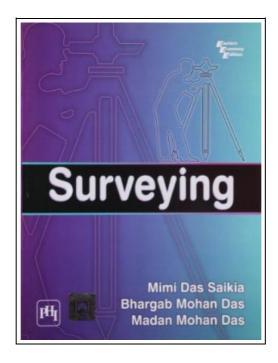
# Surveying



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# Reviews

A whole new eBook with a brand new point of view. It is definitely simplistic but shocks in the 50 percent of the publication. I am just pleased to explain how this is the greatest ebook i have read during my very own daily life and could be he best ebook for possibly. (Mitchell Kuhn III)

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PHI Learning, 2010. Softcover. Book Condition: New. First edition. Intended as a textbook for the undergraduate students of civil engineering, this comprehensive book depicts all elements of surveying including its types, tools and the most recent techniques, to overcome the barriers in construction. The book details on the elementary methods of measurements like tapes and chains to the most advanced ones like remote sensing and photogrammetry. The book discusses types of surveying, advanced techniques evolved and the methodologies adopted to conduct surveys, in logical sequence. It systematically elucidates the concepts of land surveying, hydrographic surveying, compass surveying and so on, deriving the formulas through simple geometry, trigonometry and differential calculus. Besides, it educates the learner to handle measuring instruments, and teaches the ways to take the measurements accurately, in steps. Key Features: Contains figures and tables to illustrate the concepts Incorporates problems, and objective questions to test students? comprehension of the subject Provides Solved Examples to impart practical knowledge to the students Includes the most recent surveying topics like EDM, Total stations, GIS, GPS and DTM The book is also useful for the students of architecture, mining, geology and environmental engineering as well. CONTENTS: Preface 1. Introduction of Surveying 2. Measurements and Errors 3. Chain Surveying 4. Compass Survey 5. Levelling 6. Contouring 7. Plane Table Surveying 8. Theodolite 9. Traverse Surveying 10. Computation of Areas 11. Computation of Volume 12. Simple Curve 13. Compound Curves 14. Reverse Curve 15. Transition Curve 16. Vertical Curve 17. Tacheometric Surveying 18. Setting Out Works 19. Hydrographic Surveying 20. Introduction to Photogrammetric Surveying 21. Electronic Distance Measurement (EDM) 22. Introduction to Triangulation 23. Trilateration 24. Map Projection 25. Remote Sensing: An Introduction Index Printed Pages: 488.



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