

<<测绘学专业英语>>

图书基本信息

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前言

Geomatics is an inter-discipline science and technology, closely related to surveying and Mapping, Geography, Image Processing, Computer Science etc., and it is reported that Geomatics is developing in unprecedented acceleration world widely presently and will still be developing in acceleration in the future. On the other hand, most of the new devices, instruments, technology and methods used in Geomatics have been invented in English speaking countries and directly introduced taking English as the major language. So it sounds necessary for professionals in Geomatics in non-English speaking countries to systematically learn professional terminology and interpretation skills in Geomatics in English. This is the initial drive and objective of writing this book.

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内容概要

测绘学是在测绘科学、地理科学、信息科学与技术基础上发展起来的一门交叉学科，在国际、国内发展势头强劲。

因此，我国过百所大学在本科阶段设置了测绘学专业，并开设该专业的专业英语课程。

针对近年该专业英语课程开设过程中课本建设存在内容陈旧、知识面覆盖不足的问题，本书主要分为3个部分：测量技术、摄影测量与遥感、地理信息系统，每部分精选和编撰了当前国际著名高校所用专业教材的内容。

为了方便本科层次学生阅读，每篇文章之后对主要词汇、重点语句进行了详解。

考虑到我国学生专业翻译和英语论文写作能力的欠缺，又特别增加了第四部分——科技论文写作和翻译技巧。

本书可供测绘、地理、遥感、土木工程、地质等专业教师进行专业英语教学使用，亦可作为相关专业高年级本科生和研究生的教学参考用书，或供相关领域的科技工作者参阅。

书籍目录

PrefacePart I Basic Knowledge of Geomatics Chapter 1 Geomatics Chapter 2 Differential Leveling
Chapter 3 Angle and Direction Measurement Chapter 4 Distance Measurement Chapter 5 Total Station
Chapter 6 Error, Accuracy and Precision in Measurement Chapter 7 The Law of Error Propagation
Chapter 8 Global Positioning System Chapter 9 Geodetic Networks Chapter 10 Construction Layout
Chapter 11 Deformation Monitoring of Engineering StructuresPart II Photogrammetry and Remote Sensing
Chapter 12 What is Remote Sensing Chapter 13 Principles of Remote Sensing Chapter 14 Electromagnetic
Spectrum Chapter 15 Remote Sensors and Digital Imagery Chapter 16 Image Processing Chapter 17
PhotogrammetryPart III Cartography and Geographic Information Systems Chapter 18 An Introduction of
Maps Chapter 19 Map Projections and Gauss-Kruger Projection Chapter 20 Subdivisions and Numbering of
Topographic Maps Chapter 21 Map Symbols Chapter 22 An Introduction of GIS Chapter 23 Spatial Data
Collection, Transformation and Visualization Chapter 24 Spatial Data Models Chapter 25 Spatial Topological
Relations and Spatial Analysis Chapter 26 The Digital Earth: Understanding Our Planet in the 21st CenturyPart
IV Writing and Translation Techniques Chapter 27 How to Write A Scientific Paper in English Chapter 28
Translation Methods of English for Science and Technology Chapter 29 Academic
CommunicationReferenceAppendix Terminology of Geomatics

章节摘录

Geomatics Engineering is an emerging information technology in the 21st Century. Geomatics is fairly new, the term was apparently coined by Bernart Dubuisson (French expert on geodesy and photogrammetry) in 1969 from the combination of geodesy and geoinformatics terms. Geomatics is the science and technology of gathering, analyzing, interpreting, distributing and using geographic information. It encompasses a broad range of disciplines that can be brought together to create a detailed but understandable picture of the physical world and our place in it. It includes the tools and techniques used in land surveying, remote sensing, cartography, Geographic Information Systems (GIS), Global Navigation Satellite Systems (GPS, GLONASS, GALILEO, COMPASS), photogrammetry, and related forms of earth mapping. Originally used in Canada, because it is similar in French and English, the term geomatics has been adopted by the International Organization for Standardization, and many other international authorities, although some (especially in the United States) have shown a preference for the term geospatial technology.

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