

Chemistry 9701 November 2008 Paper 2

The Last Pow-wow Oak A-level Chemistry Who's who in the South and Southwest The Shriver Report Click Polymerization GCE O Level Examination Past Papers with Answer Guides: English Language India Edition Low Carbon, High Growth Cambridge IGCSE® Combined and Co-ordinated Sciences Biology Workbook Chemical Rocket Propulsion Advances in Thin Films, Nanostructured Materials, and Coatings Who's who in Finance and Business Drug Metabolism, Pharmacokinetics and Bioanalysis Functionalization of Graphene Pneumoviruses and Metapneumoviruses Iran Metal-Organic Frameworks Photoinduced Phase Transitions D&B Reference Book of Corporate Managements Shock Waves Ice Crystals Who is Who in Thermal Analysis and Calorimetry Sensors and Microsystems The Anarchist Cookbook Cambridge O Level Principles of Accounts Cambridge International AS & A Level Chemistry Student's Book Second Edition Chemistry for O-level Molecular Basis of Oxidative Stress Chemistry A for OCRA Scientific Approach to Writing for Engineers and Scientists Cambridge International AS and A Level Chemistry Coursebook with CD-ROM Bradstreet's Cambridge International AS and A Level Chemistry Supramolecular Chemistry of Anions Yearbook of International Organizations 2013-2014 Cambridge International AS and A Level Chemistry Practical Skills Workbook Remote Compositional Analysis Immunochemical Protocols Cambridge International AS/A Level Chemistry Revision Guide 2nd edition Animal Spirits Cambridge O Level Chemistry

The Last Pow-wow Oak

Facts, figures, and essays on women and poverty by Barbara Ehrenreich, Kirsten Gillibrand, LeBron James, and other high-profile contributors. Fifty years after President Lyndon B. Johnson called for a War on Poverty and enlisted Sargent Shriver to oversee it, the most important social issue of our day is once again the dire economic straits of millions of Americans. One in three live in poverty or teeter on the brink—and seventy million are women and the children who depend on them. The fragile economic status of millions of American women is the shameful secret of the modern era—yet these women are also our greatest hope for change, and our nation's greatest undervalued asset. The Shriver Report: A Woman's Nation Pushes Back from the Brink asks—and answers—big questions. Why are millions of women financially vulnerable when others have made such great progress? Why are millions of women struggling to make ends meet even though they are hard at work? What is it about our nation—government, business, family, and even women themselves—that drives women to the financial brink? And what is at stake? To forge a path forward, this book brings together a power-packed roster of big thinkers and talented contributors, in a volume that combines academic research, personal reflections, authentic photojournalism, groundbreaking poll results, and insights from frontline workers; political, religious, and business leaders; and major celebrities—all focused on a single issue of national importance: women and the economy. “A startling wake-up call for policymakers and anyone hoping to survive a culture that siphons wealth upward to a very powerful few.” —Booklist Contributors include: Carol Gilligan, PhD * Barbara Ehrenreich * Beyoncé Knowles-Carter * LeBron James * Anne-Marie

Slaughter * Kirsten Gillibrand * Hillary Rodham Clinton * Tory Burch * Sister Joan Chittister * Arne Duncan * Kathleen Sibelius * Howard Schultz * and more!

A-level Chemistry

Sets the stage for the development of better diagnostic techniques and therapeutics. Featuring contributions from an international team of leading clinicians and biomedical researchers, *Molecular Basis of Oxidative Stress* reviews the molecular and chemical bases of oxidative stress, describing how oxidative stress can lead to the development of cancer and cardiovascular and neurodegenerative diseases. Moreover, it explains the potential role of free radicals in both the diagnosis and the development of therapeutics to treat disease. *Molecular Basis of Oxidative Stress* is logically organized, beginning with a comprehensive discussion of the fundamental chemistry of reactive species. Next, the book: Presents new mechanistic insights into how oxidative damage of biomolecules occurs Examines how these oxidative events effect cellular metabolism Investigates the role of oxidative stress in the pathogenesis of cancer, neurodegenerative disease, cardiovascular disease, and cystic fibrosis Explores opportunities to improve the diagnosis of disease and the design of new therapeutic agents Readers will find much novel information, including new radical chemistries and the latest discoveries of how free radicals react with biomolecules. The contributors also present recent findings that help us better understand the initiation of oxidative stress and the mechanisms leading to the pathogenesis of various diseases. Throughout the book, the use of molecular structures helps readers better understand redox chemistry. In addition, plenty of detailed figures illustrate the mechanisms of oxidative stress and disease pathogenesis. Examining everything from the basic chemistry of oxidative stress to the pathogenesis of disease, *Molecular Basis of Oxidative Stress* will help readers continue to explore the nature of oxidative stress and then use that knowledge to develop new approaches to prevent, detect, and treat a broad range of disease conditions.

Who's who in the South and Southwest

Fully revised and updated content matching new Cambridge International Examinations 9701 syllabus for first examination in 2016. Endorsed by Cambridge International Examinations, this digital edition comprehensively covers all the knowledge and skills students need during the A Level Chemistry course (9701), for first examination in 2016, in a reflowable format, adapting to any screen size or device. Written by renowned experts in Chemistry teaching, the text is written in an accessible style with international learners in mind. Self-assessment questions allow learners to track their progress, and exam-style questions help learners to prepare thoroughly for their examinations. Answers to all the questions from within the Coursebook are provided.

The Shriver Report

This book is a printed edition of the Special Issue "Pneumoviruses and Metapneumoviruses" that was published in *Viruses*

Click Polymerization

Ending poverty and stabilizing climate change will be two unprecedented global achievements and two major steps toward sustainable development. But the two objectives cannot be considered in isolation: they need to be jointly tackled through an integrated strategy. This report brings together those two objectives and explores how they can more easily be achieved if considered together. It examines the potential impact of climate change and climate policies on poverty reduction. It also provides guidance on how to create a “win-win” situation so that climate change policies contribute to poverty reduction and poverty-reduction policies contribute to climate change mitigation and resilience building. The key finding of the report is that climate change represents a significant obstacle to the sustained eradication of poverty, but future impacts on poverty are determined by policy choices: rapid, inclusive, and climate-informed development can prevent most short-term impacts whereas immediate pro-poor, emissions-reduction policies can drastically limit long-term ones.

GCE O Level Examination Past Papers with Answer Guides: English Language India Edition

We are working with Cambridge Assessment International Education to gain endorsement for this title. Reinforce learning and deepen understanding of the key concepts covered in the revised syllabuses; ideal as course companions or homework books for use throughout the course. - Support students' learning and provide guidance on practical skills with extra practice questions and activities, tailored to topics in the Student Book - Keep track of students' work with ready-to-go write-in exercises which once completed can also be used to recap learning for revision - Offer extra support for the mathematical and statistical parts of the course Also available in the series: Biology Student Book 9781510482876 Chemistry Student Book 9781510480230 Physics Student Book 9781510482807 Biology Student eTextbook 9781510482913 Biology Whiteboard eTextbook 9781510482920 Chemistry Student eTextbook 9781510482999 Chemistry Whiteboard eTextbook 9781510483002 Physics Student eTextbook 9781510483118 Physics Whiteboard eTextbook 9781510483125 Biology Skills Workbook 9781510482869 Physics Skills Workbook 9781510482845

Low Carbon, High Growth

Drug metabolism/pharmacokinetics and drug interaction studies have been extensively carried out in order to secure the druggability and safety of new chemical entities throughout the development of new drugs. Recently, drug metabolism and transport by phase II drug metabolizing enzymes and drug transporters, respectively, as well as phase I drug metabolizing enzymes, have been studied. A combination of biochemical advances in the function and regulation of drug metabolizing enzymes and automated analytical technologies are revolutionizing drug metabolism research. There are also potential drug-drug interactions with co-administered drugs due to inhibition and/or induction of drug metabolic enzymes and drug transporters. In addition, drug interaction studies have been actively performed to develop substrate cocktails that do not interfere

with each other and a simultaneous analytical method of substrate drugs and their metabolites using a tandem mass spectrometer. This Special Issue has the aim of highlighting current progress in drug metabolism/pharmacokinetics, drug interactions, and bioanalysis.

Cambridge IGCSE® Combined and Co-ordinated Sciences Biology Workbook

Each topic is treated from the beginning, without assuming prior knowledge. Each chapter starts with an opening section covering an application. These help students to understand the relevance of the topic: they are motivational and they make the text more accessible to the majority of students. Concept Maps have been added, which together with Summaries throughout, aid understanding of main ideas and connections between topics. Margin points highlight key points, making the text more accessible for learning and revision. Checkpoints in each chapter test students' understanding and support their private study.

Chemical Rocket Propulsion

Developed and expanded from the work presented at the New Energetic Materials and Propulsion Techniques for Space Exploration workshop in June 2014, this book contains new scientific results, up-to-date reviews, and inspiring perspectives in a number of areas related to the energetic aspects of chemical rocket propulsion. This collection covers the entire life of energetic materials from their conceptual formulation to practical manufacturing; it includes coverage of theoretical and experimental ballistics, performance properties, as well as laboratory-scale and full system-scale, handling, hazards, environment, ageing, and disposal. Chemical Rocket Propulsion is a unique work, where a selection of accomplished experts from the pioneering era of space propulsion and current technologists from the most advanced international laboratories discuss the future of chemical rocket propulsion for access to, and exploration of, space. It will be of interest to both postgraduate and final-year undergraduate students in aerospace engineering, and practicing aeronautical engineers and designers, especially those with an interest in propulsion, as well as researchers in energetic materials.

Advances in Thin Films, Nanostructured Materials, and Coatings

Get your best grades with this exam-focused text that will guide you through the content and skills you need to prepare for the big day. Manage your own revision with step-by-step support from experienced examiner and author David Bevan. This guide also includes a Questions and Answers section with exam-style questions, student's answers for each question, and examiner comments to ensure you're exam-ready. - Plan and pace your revision with the revision planner - Use the expert tips to clarify key points - Avoid making typical mistakes with expert advice - Test yourself with end-of-topic questions and answers and tick off each topic as you complete it - Practise your exam skills with exam-style questions and answers This title has not been through the Cambridge International endorsement process.

Who's who in Finance and Business

The global financial crisis has made it painfully clear that powerful psychological forces are imperiling the wealth of nations today. From blind faith in ever-rising housing prices to plummeting confidence in capital markets, "animal spirits" are driving financial events worldwide. In this book, acclaimed economists George Akerlof and Robert Shiller challenge the economic wisdom that got us into this mess, and put forward a bold new vision that will transform economics and restore prosperity. Akerlof and Shiller reassert the necessity of an active government role in economic policymaking by recovering the idea of animal spirits, a term John Maynard Keynes used to describe the gloom and despondence that led to the Great Depression and the changing psychology that accompanied recovery. Like Keynes, Akerlof and Shiller know that managing these animal spirits requires the steady hand of government--simply allowing markets to work won't do it. In rebuilding the case for a more robust, behaviorally informed Keynesianism, they detail the most pervasive effects of animal spirits in contemporary economic life--such as confidence, fear, bad faith, corruption, a concern for fairness, and the stories we tell ourselves about our economic fortunes--and show how Reaganomics, Thatcherism, and the rational expectations revolution failed to account for them. *Animal Spirits* offers a road map for reversing the financial misfortunes besetting us today. Read it and learn how leaders can channel animal spirits--the powerful forces of human psychology that are afoot in the world economy today. In a new preface, they describe why our economic troubles may linger for some time--unless we are prepared to take further, decisive action.

Drug Metabolism, Pharmacokinetics and Bioanalysis

This book showcases the state of the art in the field of sensors and microsystems, revealing the impressive potential of novel methodologies and technologies. It covers a broad range of aspects, including: bio-, physical and chemical sensors; actuators; micro- and nano-structured materials; mechanisms of interaction and signal transduction; polymers and biomaterials; sensor electronics and instrumentation; analytical microsystems, recognition systems and signal analysis; and sensor networks, as well as manufacturing technologies, environmental, food and biomedical applications. The book gathers a selection of papers presented at the 20th AISEM National Conference on Sensors and Microsystems, held in Naples, Italy in February 2019, the event brought together researchers, end users, technology teams and policy makers.

Functionalization of Graphene

Pneumoviruses and Metapneumoviruses

GCE O Level Examination Past Papers with Answer Guides: Chemistry

Iran

A new class of insulating solids was recently discovered. When irradiated by a few

visible photons, these solids give rise to a macroscopic excited domain that has new structural and electronic orders quite different from the starting ground state. This occurrence is called photoinduced phase transition, and this multi-authored book reviews recent theoretical and experimental studies of this new phenomenon.

Metal-Organic Frameworks

Photoinduced Phase Transitions

Immunochemical techniques have been in use for many years with early examples of bacterial strain typing dating back to the 1940s. The basis for the science is the exquisite elegance of the mammalian immune system with its ability to recognize foreign proteins and to manufacture antibody molecules that strongly bind to the substances that elicited them. Not only are potentially harmful pathogens and toxins recognized by the immune system, but the system can be persuaded to manufacture antibodies to an astonishing array of substances. In the early days of this science, all antibodies for investigative work were produced by immunizing mammals with the substance of interest, followed by regular donor bleeds that yielded antisera. Serum produced in this way yields heterogeneous populations of antibody molecules recognizing different epitopes on the target protein, which may be adequate for its intended purposes, but can also cause problems of crossreactivity. In 1975, Kohler and Milstein reported that spleen cells from immune donor animals could be immortalized, cloned from single cells, and grown in continuous culture. This original work described the method for the production of monoclonal antibodies.

D&B Reference Book of Corporate Managements

Shock Waves

Companion Book to the Documentary Movie. Translates movie into narrative, and adds more photos, documents, news clips and stories. Includes the article "Acorn to Icon" by Eugene Winter. Includes "The Last Days" story by George Koumantzelis.

Ice Crystals

A SCIENTIFIC APPROACH TO WRITING Technical ideas may be solid or even groundbreaking, but if these ideas cannot be clearly communicated, reviewers of technical documents—e.g., proposals for research funding, articles submitted to scientific journals, and business plans to commercialize technology—are likely to reject the argument for advancing these ideas. The problem is that many engineers and scientists, entirely comfortable with the logic and principles of mathematics and science, treat writing as if it possesses none of these attributes. The absence of a systematic framework for writing often results in sentences that are difficult to follow or arguments that leave reviewers scratching their heads. This book fixes that problem by presenting a "scientific" approach to writing that

mirrors the sensibilities of scientists and engineers, an approach based on an easily-discernable set of principles. Rather than merely stating rules for English grammar and composition, this book explains the reasons behind these rules and shows that good reasons can guide every writing decision. This resource is also well suited for the growing number of scientists and engineers in the U.S. and elsewhere who speak English as a second language, as well as for anyone else who just wants to be understood.

Who is Who in Thermal Analysis and Calorimetry

This book highlights the latest advances in chemical and physical methods for thin-film deposition and surface engineering, including ion- and plasma-assisted processes, focusing on explaining the synthesis/processing-structure-properties relationship for a variety of thin-film systems. It covers topics such as advances in thin-film synthesis; new thin-film materials: diamond-like films, granular alloys, high-entropy alloys, oxynitrides, and intermetallic compounds; ultra-hard, wear- and oxidation-resistant and multifunctional coatings; superconducting, magnetic, semiconducting, and dielectric films; electrochemical and electroless depositions; thin-film characterization and instrumentation; and industrial applications.

Sensors and Microsystems

The Anarchist Cookbook

Click chemistry describes organic reactions which are highly efficient, regioselective and allow for mild reaction conditions. The archetypal click reaction of Cu(I)-catalyzed azide-alkyne cycloaddition (CuAAC) is used in many diverse areas and has been extensively developed for polymer synthesis, leading to the term of click polymerization. This technique enables the preparation of functional polymers with linear and topological structures that have the potential to be used in optoelectronics and biological fields. Edited by world renowned experts, Click Polymerization is the first book to comprehensively summarize this approach to polymer synthesis consolidating all the different reaction types in one resource. From the basic knowledge through to the latest developments in synthesis, chapters include transition-metal catalysed and metal-free azide-alkyne click polymerizations as well as thiol-ene, thiol-yne and thiol-epoxy click polymerizations. The book provides an authoritative guide to click polymerization techniques for graduate students and researchers interested in polymer chemistry and materials science.

Cambridge O Level Principles of Accounts

A biographical dictionary of noteworthy men and women of the Southern and Southwestern States.

Cambridge International AS & A Level Chemistry Student's Book Second Edition

We are working with Cambridge Assessment International Education to gain endorsement for this title. Confidently navigate the updated Cambridge International AS & A Level Chemistry (9701) syllabus with a structured approach ensuring that the link between theory and practice is consolidated, scientific skills are applied, and analytical skills developed. - Enable students to monitor and build progress with short 'self-assessment' questions throughout the student text, with answers at the back of the book, so students can check their understanding as they work their way through the chapters. - Build scientific communication skills and vocabulary in written responses with a variety of exam-style questions. - Encourage understanding of historical context and scientific applications with extension boxes in the student text. - Have confidence that lessons cover the syllabus completely with a free Scheme of Work available online. - Provide additional practice with the accompanying write-in Practical Skills Workbooks, which once completed, can also be used to recap learning for revision. Also available in the series: Biology Student Book 9781510482876 Physics Student Book 9781510482807 Biology Student eTextbook 9781510482913 Biology Whiteboard eTextbook 9781510482920 Chemistry Student eTextbook 9781510482999 Chemistry Whiteboard eTextbook 9781510483002 Physics Student eTextbook 9781510483118 Physics Whiteboard eTextbook 9781510483125 Biology Skills Workbook 9781510482869 Chemistry Skills Workbook 9781510482852 Physics Skills Workbook 9781510482845

Chemistry for O-level

Volume 1 (A and B) of the Yearbook of International Organizations covers international organizations throughout the world, comprising their aims, activities and events

Molecular Basis of Oxidative Stress

There is an increasing consensus in the scientific community that climate change is a real and present threat. Despite the large uncertainty on the timing, magnitude and even the direction of some of the physical and economic effects of this phenomenon, it is widely accepted that the differences are regional and that developing countries as well as lower income populations tend to suffer the most. In this context, it is critical for Latin American countries to develop strategies for adapting to the various impacts of climate change, and for contributing to global efforts aimed at mitigation. Climate Change in Latin America contributes to these efforts by addressing a number of questions related to the causes and consequences of climate change in the case of Latin America. What are the likely impacts of climate change in the region? Which countries and regions will be most affected? What can governments do to tackle the challenges associated with adapting to climate change? What role can Latin America play in the area of climate change mitigation? While the book does not attempt to provide definitive answers to these questions, it contributes new information and analysis that could help to inform the public policy debate on this important issue.

Chemistry A for OCR

Metal-organic frameworks represent a new class of materials that may solve the hydrogen storage problem associated with hydrogen-fueled vehicles. In this first definitive guide to metal-organic framework chemistry, author L. MacGillivray addresses state-of-art developments in this promising technology for alternative fuels. Providing professors, graduate and undergraduate students, structural chemists, physical chemists, and chemical engineers with a historical perspective, as well as the most up-to-date developments by leading experts, Metal-Organic Frameworks examines structure, symmetry, supramolecular chemistry, surface engineering, metal-organometallic frameworks, properties, and reactions.

A Scientific Approach to Writing for Engineers and Scientists

Endorsed by Cambridge International Examinations Covers the entire syllabus for Cambridge International Examinations' International AS and A Level Chemistry (9701). It is divided into separate sections for AS and A Level making it ideal for students studying both the AS and the A Level and also those taking the AS examinations at the end of their first year. - Explains difficult concepts using language that is appropriate for students around the world - Provides practice throughout the course with carefully selected past paper questions at the end of each chapter

Cambridge International AS and A Level Chemistry Coursebook with CD-ROM

Written by curriculum and specification experts, this Student Book supports and extends students through the new course while delivering the breadth, depth, and skills needed to succeed in the new AS and beyond. It develops true subject knowledge while also developing essential exam skills.

Bradstreet's

Cambridge O Level Principles of Accounts has been designed specifically to meet the requirements of the Cambridge syllabus. Cambridge O Level Principles of Accounts has been written specifically for the Cambridge O Level Accounting syllabus. Accounting principles and practices have been explained in simple language to enhance the accessibility of the contents to students whose first language is not English. The book reflects the changes in the O Level Principles of Accounts syllabus and applies international accounting terminology.

Cambridge International AS and A Level Chemistry

Supramolecular Chemistry of Anions

This report analyzes four key aspects of US and Iranian strategic competition--sanctions, energy, arms control, and regime change. Its primary focus is on the ways in which the sanctions applied to Iran have changed US and Iranian competition since the fall of 2011.

Yearbook of International Organizations 2013-2014

Despite the central role anionic species have been shown to play in both mineralogical and biological processes, until now there have been no comprehensive references dealing exclusively with anionic coordination chemistry. Written by a group comprising pioneering researchers from the United States and Europe, *Supramolecular Chemistry of Anions* covers all theoretical and practical aspects of anion complexation, from thermodynamics and structure to catalysis and various applications. The authors begin with the 1967 discovery of halide inclusion by bicyclic diammonium receptors and trace the development of anion coordination chemistry through the most recent developments in the field. Topics covered in detail include: * Pre-supramolecular anion chemistry * Natural and artificial molecules that can act as anion receptors * Preorganization and chemical design * Structural, thermodynamic, electrochemical, and photochemical aspects of anion coordination * Computer methods for receptor design and multiple host-guest relations * Anion receptor catalysis and molecular recognition and transformation of nucleotides *Supramolecular Chemistry of Anions* is a valuable professional resource for organic and inorganic chemists, analytical chemists, biotechnologists, pharmaceutical scientists, and environmental chemists. It also serves as an excellent graduate-level text for students of molecular recognition, catalysis, and biomimetic chemistry.

Cambridge International AS and a Level Chemistry Practical Skills Workbook

All set to become the standard reference on the topic, this book covers the most important procedures for chemical functionalization, making it an indispensable resource for all chemists, physicists, materials scientists and engineers entering or already working in the field. Expert authors share their knowledge on a wide range of different functional groups, including organic functional groups, hydrogen, halogen, nanoparticles and polymers.

Remote Compositional Analysis

The Cambridge IGCSE® Combined and Co-ordinated Sciences series is tailored to the 0653 and 0654 syllabuses for first examination in 2019, and all components of the series are endorsed by Cambridge International Examinations. This Biology Workbook is tailored to the Cambridge IGCSE® Combined Science 0653 and Co-ordinated Sciences 0654 syllabuses for first examination in 2019 and is endorsed for learner support by Cambridge International Examinations. Covering both the Core and the Supplement material, this workbook contains exercises arranged in the same order as the coursebook and are clearly marked according to the syllabus they cover. Developing students' scientific skills, these exercises are complemented by self-assessment checklists to help them evaluate their work as they go. Answers are provided at the back of the book.

Immunochemical Protocols

This is an expanded and revised second edition, presenting accurate and

comprehensive information about our leading thermal scientists to current and future generations. In our globalized world, most researchers in thermal analysis do not know each other in person and are not familiar with each other's achievements. This volume provides the reader with an up-to-date list of the prominent members in this community. The publication contains only living scientists. The selection is based partly on several decades of the editors' personal professional experience and also partly on the opinion of the Regional Editors of the Journal of Thermal Analysis and Calorimetry.

Cambridge International AS/A Level Chemistry Revision Guide 2nd edition

Ice crystals are the most ubiquitous material found in the cryosphere environment of the Earth, in the planetary system, and also in our daily lives. In recent years, ice crystals have increased in importance as one of the key materials for finding solutions to settle various environmental concerns at a global scale. Furthermore, ice crystals are unique materials which are potentially extremely useful in various applications, for example, within the food sciences, medical sciences, and other fields. In dealing with these interesting subjects, research on ice crystals has been more actively pursued in recent years. The Special Issue "Ice Crystals" presents a wide varieties of topics related to ice crystals. It can be considered as a status report reviewing the recent research on ice crystals and serves to provide readers with information on the latest developments concerning ice crystals.

Animal Spirits

The Anarchist Cookbook will shock, it will disturb, it will provoke. It places in historical perspective an era when "Turn on, Burn down, Blow up" are revolutionary slogans of the day. Says the author "This book is not written for the members of fringe political groups, such as the Weatherman, or The Minutemen. Those radical groups don't need this book. They already know everything that's in here. If the real people of America, the silent majority, are going to survive, they must educate themselves. That is the purpose of this book." In what the author considers a survival guide, there is explicit information on the uses and effects of drugs, ranging from pot to heroin to peanuts. There i detailed advice concerning electronics, sabotage, and surveillance, with data on everything from bugs to scramblers. There is a comprehensive chapter on natural, non-lethal, and lethal weapons, running the gamut from cattle prods to sub-machine guns to bows and arrows.

Cambridge O Level Chemistry

Comprehensive overview of the spectroscopic, mineralogical, and geochemical techniques used in planetary remote sensing.

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