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Staad Pro v8i for beginners **Mathematics in India** *International Review of Cytology Twenty Years Research & Development Activity of NGRI* *The Earth's Magnetic Interior* *Advances in Lipid Research* **Epilepsy** AKASHVANI **Drug-Induced Hepatotoxicity** **Water in Crystalline Hydrates** **Aqueous Solutions of Simple Nonelectrolytes** **Chemistry and Physics of Aqueous Gas Solutions** **Carcinogenic and Mutagenic N-substituted Aryl Compounds** **Experimental Hepatocarcinogenesis** **Experimental and Comparative Toxicology** **Tantrasaṅgraha of Nilakanṭha Somayāji** *Indian Ethnobotany: Emerging Trends* **Karaṇapaddhati of Putumana Somayāji** **Geophysical Research Bulletin Sanskrit** **Astronomical Tables** *The Journal of the Assembly During the ... Session of the Legislature of the State of California* **Free-Convective Heat Transfer** **Indian Ethnobotany: Bibliography of 21st Century (2001-2015)** **Electrochemistry** **Chemical Carcinogenesis** **National Cancer Institute Monograph** **Journal of the National Cancer Institute** **Environmental Health Perspectives** *Climate Change and Human Health* **Design of R.C.C. Buildings using Staad Pro V8i with Indian Examples** **Annual Report** **Solid State Chemistry** *Solid State Chemistry* *Proceedings of the 1st International Conference on Sustainable Waste Management through Design* **Nuclear Magnetic Resonance Spectroscopy in Molecular Biology** **Uncertainty, Information Management, and Disclosure Decisions** *Current Industrial Reports* *Molecular Spectroscopy* **Inorganic Aspects of Biological and Organic Chemistry** *Bibliography on the High Temperature Chemistry and Physics of Materials* *Neural Stem Cells*

Neural Stem Cells Aug 28 2019 Twenty years after the discovery of neural stem cells, the question whether the central nervous system can be considered among regenerative tissues is still open. On one side, deep characterization of neural stem and progenitor cells, their niches, and their progeny in brain neurogenic sites overtly showed that new neurons can be generated in the brain of adult mammals, including humans. On the other side, many problems arise when stem cells encounter the mature brain parenchyma, still hampering the development of efficacious therapeutic approaches with endogenous or exogenously-delivered neural stem cells. This book tries to make the point on these extremely promising, yet unresolved, issues.

Journal of the National Cancer Institute Nov 11 2020

Solid State Chemistry Jun 06 2020 Solid State Chemistry today is a frontier area of mainstream chemistry, and plays a vital role in the development of materials. The present work, consisting of a selection of Prof. C N R Rao's papers, covers most of the important aspects of solid state chemistry and provides the flavor of the subject, showing how the subject has evolved over the years. The book is up-to-date, and will be useful to students, teachers, beginning researchers and practitioners in solid state chemistry as well as in the broader area of materials science. Contents:

Overview Synthesis and Characterization Phase Transitions Transition Metal Oxides Defects, Nonstoichiometry and Intergrowths High-Temperature Superconductivity Catalysts Metal Clusters and Fullerenes Readership: Students, teachers and research workers in industry and academia. keywords: **Annual Report** Jul 08 2020

Karaṇapaddhati of Putumana Somayāji Aug 21 2021 This book is an important text of the Kerala school of astronomy and mathematics, probably

composed in the 16th century. In the Indian astronomical tradition, the karaṇa texts are essentially computational manuals, and they often display a high level of ingenuity in coming up with simplified algorithms for computing planetary longitudes and other related quantities. Karaṇapaddhati, however, is not a karaṇa text. Rather, it discusses the paddhati or the rationale for arriving at suitable algorithms that are needed while preparing a karaṇa text for a given epoch. Thus the work is addressed not to the almanac maker but to the manual maker. Karaṇapaddhati presents the theoretical basis for the vākya system, where the true longitudes of the planet are calculated directly by making use of certain auxiliary notions such as the khaṇḍa, maṇḍala and dhruva along with tabulated values of changes in the true longitude over certain regular intervals which are expressed in the form of vākyas or mnemonic phrases. The text also discusses the method of vallyupasaṃhāra, which is essentially a technique of continued fraction expansion for obtaining optimal approximations to the rates of motion of planets and their anomalies, involving ratios of smaller numbers. It also presents a new fast convergent series for π which is not mentioned in the earlier works of the Kerala school. As this is a unique text presenting the rationale behind the vākya system and the computational procedures used in the karaṇa texts, it would serve as a useful companion for all those interested in the history of astronomy. The authors have provided a translation of the text followed by detailed notes which explain all the computational procedures, along with their rationale, by means of diagrams and equations.

Chemical Carcinogenesis Jan 14 2021 During October 18-30, 1981, the second course of the International School of Pure and Applied Biostructure, a NATO Advanced Study Institute, was held at the Ettore Majorana Center for Scientific Culture in Erice, Italy, co-sponsored by the International Union Against Cancer, the Italian League Against Cancer, the Italian Ministry of Public Education, the Italian Ministry of Scientific and Technological Research, the North Atlantic Treaty Organization, the Italian National Research Council, the Sicilian Regional Government and two pharmaceutical Companies (Zambeletti and Farmitalia). The subject of the course was "Chemical Carcinogenesis" with participants selected world-wide from 18 different countries. It is now eminently clear that the bulk of human cancers are related to one of several types of environmental exposure. Of the environmental hazards, chemicals are among the best characterized carcinogens. However, how chemicals induce cancer is still poorly understood. Because of the magnitude of the problem and the obvious need for a much more critical scientific analysis of the process by which cancer is induced (carcinogenesis), it was highly desirable to expose a greater number of scientists with varying background to some of the latest thinking in chemical carcinogenesis. The course had this as its major objective and the resulting book does reflect it.

Solid State Chemistry May 06 2020 Solid State Chemistry today is a frontier area of mainstream chemistry, and plays a vital role in the development of materials. The present work, consisting of a selection of Prof. C N R Rao's papers, covers most of the important aspects of solid state chemistry and provides the flavor of the subject, showing how the subject has evolved over the years. The book is up-to-date, and will be useful to students, teachers, beginning researchers and practitioners in solid state chemistry as well as in the broader area of materials science.

Staad Pro v8i for beginners Jan 06 2023 This book is intended to give a basic knowledge of Staad Pro V8i to those who do not have previous exposure to this software. This is highly useful for students of civil engineering who want to develop design skills by using this software. Concrete and steel modelling and design examples have been given to increase the readers' knowledge about both steel and concrete structures. Any civil engineer can learn Staad Pro by following the step by step procedures explained in this book. This book is highly suitable for Indian Engineers, as in all examples Indian code methods have been followed. This will greatly benefit practising engineers and students in India as this is the first book on Staad Pro V8i with Indian examples.

Current Industrial Reports Jan 02 2020

Experimental and Comparative Toxicology Nov 23 2021 Experimental and Comparative Toxicology, Volume 31 aims to explore some of the

potentially important and crucial areas in experimental toxicology. The book discusses tumor promoters and genotoxic chemicals in short-term testing for carcinogenicity, as well as the significance of preneoplastic liver lesions in experimental animals. The text also describes the factors known to be associated with increased risk of liver neoplasia as a human disease, and the extent to which it is known that the same factors have a similar effect in laboratory animals. Neurobehavioral toxicology; immunotoxicology; and the endocrine system as the target in experimental toxicology are also considered. The book further tackles the uses of gamma-glutamyltransferase in experimental toxicology, as well as the predictive value of ocular irritation tests. Toxicologists, biochemists, pathologists, and those involved in preventive medicine and community health will find the text invaluable.

Electrochemistry Feb 12 2021 Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 80 years the Royal Society of Chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by 1967 the whole spectrum of chemistry could no longer be contained within one volume and the series Specialist Periodical Reports was born. The Annual Reports themselves still existed but were divided into two, and subsequently three, volumes covering Inorganic, Organic and Physical Chemistry. For more general coverage of the highlights in chemistry they remain a 'must'. Since that time the SPR series has altered according to the fluctuating degree of activity in various fields of chemistry. Some titles have remained unchanged, while others have altered their emphasis along with their titles; some have been combined under a new name whereas others have had to be discontinued.

[The Earth's Magnetic Interior](#) Sep 02 2022 This volume combines review and solicited contributions, related to scientific studies of Division I of IAGA presented at its Scientific Assembly in Sopron in 2009. The book is aimed at intermediate to advanced readers dealing with the Earth's magnetic field generation, its historical records in rocks and geological formations - including links to geodynamics and magnetic dating, with magnetic carriers in earth materials, electromagnetic induction and conductivity studies of the Earth interior with environmental applications of rock magnetism and electromagnetism. The aim of the book is to provide an overview of recent advances and future challenges in these particular fields of research.

Design of R.C.C. Buildings using Staad Pro V8i with Indian Examples Aug 09 2020 This book is intended to give a basic knowledge of design of R.C.C buildings using Staad Pro V8i, to those who already have some knowledge in working in this software. This is highly useful for Civil Engineering Students who want to develop design skills in R.C.C. by using Staad Pro. Indian Code references were given where ever necessary and many snapshots of working example are inserted in almost every page of the book so that the reader can understand easily. This book is highly suitable for Indian Civil Engineers, as all the examples are in Indian Code methods. This will greatly benefit practicing engineers and students in India as this is the first detailed book on R.C.C building design using Staad Pro, with Indian Examples. Static method and Dynamic method of analysis has been explained by taking the same example problem, so that the reader can understand the differences in those methods.

Epilepsy Jun 30 2022 This transcultural comparison of scientific knowledge and clinical experience provides a framework for a global health policy for epilepsy.

Drug-Induced Hepatotoxicity Apr 28 2022 The advances in science and medicine we are now experiencing are unprecedented and exciting. Life expectancy is prolonged, and quality of life is much improved. We learn of fabulous new discoveries made at the bench or the bedside every week. Many diseases have been totally eliminated, others can be significantly improved by new therapeutic formulations. Much of the success can be attributed to a better understanding of disease processes and the specific targeting of new and more effective medications. As is the case in many

areas of successful human endeavour, there can be a downside. In the case of drugs and chemicals it is their adverse effects which are of concern. Of course, every effort is made to devise medications that are safe, and the need to elucidate and understand mechanisms are crucial, yet adverse effects remain a problem. They can be unpredictable and diverse. Drugs have been shown to induce virtually the whole gamut of human liver pathology from acute fulminant hepatitis to chronic active hepatitis to cirrhosis and even malignancy. Hence the possibility of adverse drug effects must be considered in the differential diagnosis of many patients with liver disease. This is well recognized and is very important; indeed, removal of the offending agent can often lead to reversal of the adverse effect. This is an area of hepatology where we can really make a difference.

Free-Convective Heat Transfer Apr 16 2021 Free Convective Heat Transfer is a thorough survey of various kinds of free-convective flows and heat transfer. Reference data are accompanied by a large number of photographs originating from different optical visualization methods illustrating the different types of flow. The formulas derived from numerical and analytical investigations are valuable tools for engineering calculations. They are written in their most compact and general form in order to allow for an extensive range of different variants of boundary and initial conditions, which, in turn, leads to a wide applicability to different flow types. Some specific engineering problems are solved in the book as exemplary applications of these formulas.

The Journal of the Assembly During the ... Session of the Legislature of the State of California May 18 2021

Mathematics in India Dec 05 2022 Based on extensive research in Sanskrit sources, Mathematics in India chronicles the development of mathematical techniques and texts in South Asia from antiquity to the early modern period. Kim Plofker reexamines the few facts about Indian mathematics that have become common knowledge--such as the Indian origin of Arabic numerals--and she sets them in a larger textual and cultural framework. The book details aspects of the subject that have been largely passed over in the past, including the relationships between Indian mathematics and astronomy, and their cross-fertilizations with Islamic scientific traditions. Plofker shows that Indian mathematics appears not as a disconnected set of discoveries, but as a lively, diverse, yet strongly unified discipline, intimately linked to other Indian forms of learning. Far more than in other areas of the history of mathematics, the literature on Indian mathematics reveals huge discrepancies between what researchers generally agree on and what general readers pick up from popular ideas. This book explains with candor the chief controversies causing these discrepancies--both the flaws in many popular claims, and the uncertainties underlying many scholarly conclusions. Supplementing the main narrative are biographical resources for dozens of Indian mathematicians; a guide to key features of Sanskrit for the non-Indologist; and illustrations of manuscripts, inscriptions, and artifacts. Mathematics in India provides a rich and complex understanding of the Indian mathematical tradition.

**Author's note: The concept of "computational positivism" in Indian mathematical science, mentioned on p. 120, is due to Prof. Roddam Narasimha and is explored in more detail in some of his works, including "The Indian half of Needham's question: some thoughts on axioms, models, algorithms, and computational positivism" (Interdisciplinary Science Reviews 28, 2003, 1-13).

International Review of Cytology Nov 04 2022 International Review of Cytology

Uncertainty, Information Management, and Disclosure Decisions Feb 01 2020 This volume integrates scholarly work on disclosure and uncertainty with the most up-to-date, cutting edge research, theories, and applications. Uncertainty is an ever-present part of human relationships, and the ways in which people reduce and/or manage uncertainty involves regulating their communication with others through revealing and concealing information. This collection is devoted to collating knowledge in these areas, advancing theory and presenting work that is socially meaningful. This work includes contributions from renowned scholars in interpersonal uncertainty and information regulation, focusing on processes that bridge boundaries within and across disciplines, while maintaining emphasis on interpersonal contexts. Disciplines represented here include

interpersonal, family, and health communication, as well as relational and social psychology. Key features of the volume include: comprehensive coverage integrating the latest research on disclosure, information seeking, and uncertainty a highly theoretical content, socially meaningful in nature (applied to real-world contexts) an interdisciplinary approach that crosses sub-fields within communication. This volume is a unique and timely resource for advanced study in interpersonal, health, or family communication. With its emphasis on theory, the book is an excellent resource for graduate courses addressing theory and/or theory construction, and it will also appeal to scholars interested in applied research.

[Bibliography on the High Temperature Chemistry and Physics of Materials](#) Sep 29 2019

Nuclear Magnetic Resonance Spectroscopy in Molecular Biology Mar 04 2020 Proceedings of the 11th Jerusalem Symposium on Quantum Chemistry and Biochemistry held in Jerusalem, Israel, April 3-7, 1978

Sanskrit Astronomical Tables Jun 18 2021 This groundbreaking volume provides an up-to-date, accessible guide to Sanskrit astronomical tables and their analysis. It begins with an overview of Indian mathematical astronomy and its literature, including table texts, in the context of history of pre-modern astronomy. It then discusses the primary mathematical astronomy content of table texts and the attempted taxonomy of this genre before diving into the broad outlines of their representation in the Sanskrit scientific manuscript corpus. Finally, the authors survey the major categories of individual tables compiled in these texts, complete with brief analyses of some of the methods for constructing and using them, and then chronicle the evolution of the table-text genre and the impacts of its changing role on the discipline of Sanskrit jyotiṣa. There are also three appendices: one inventories all the identified individual works in the genre currently known to the authors; one provides reference information about the details of all the notational, calendric, astronomical, and other classification systems invoked in the study; and one serves as a glossary of the relevant Sanskrit terms.

Environmental Health Perspectives Oct 11 2020

Twenty Years Research & Development Activity of NGRI Oct 03 2022

Geophysical Research Bulletin Jul 20 2021

Advances in Lipid Research Aug 01 2022 *Advances in Lipid Research*, Volume 6 provides information pertinent to brain cholesterol and myelin lipids. This book reviews the various aspects of the physiology, chemistry, and biochemistry of lipids. Organized into seven chapters, this volume begins with an overview of the separation of lipoproteins and discusses lipid metabolism in microorganisms. This text then provides a discussion of lipid metabolism in mycoplasmas. Other chapters consider the various aspects of metabolism of the lipid quinones and explore the relationship between lipids and atherosclerosis as a continuing source of biochemical, medical, and nutritional interest. This book discusses as well a comparative aspect of the development of atherosclerosis and explains the chemistry of bile acids. The final chapter deals with the aspects of steroid separations as well as with regard to separation of other metabolites that may influence lipid metabolism. This book is a valuable resource for biologists, biochemists, scientists, and research workers.

[Climate Change and Human Health](#) Sep 09 2020

Chemistry and Physics of Aqueous Gas Solutions Feb 24 2022

[Molecular Spectroscopy](#) Dec 01 2019 Specialist Periodical Reports provide systematic and detailed review coverage of progress in the major areas of chemical research. Written by experts in their specialist fields the series creates a unique service for the active research chemist, supplying regular critical in-depth accounts of progress in particular areas of chemistry. For over 80 years the Royal Society of Chemistry and its predecessor, the Chemical Society, have been publishing reports charting developments in chemistry, which originally took the form of Annual Reports. However, by

1967 the whole spectrum of chemistry could no longer be contained within one volume and the series Specialist Periodical Reports was born. The Annual Reports themselves still existed but were divided into two, and subsequently three, volumes covering Inorganic, Organic and Physical Chemistry. For more general coverage of the highlights in chemistry they remain a 'must'. Since that time the SPR series has altered according to the fluctuating degree of activity in various fields of chemistry. Some titles have remained unchanged, while others have altered their emphasis along with their titles; some have been combined under a new name whereas others have had to be discontinued. The current list of Specialist Periodical Reports can be seen on the inside flap of this volume.

National Cancer Institute Monograph Dec 13 2020

Inorganic Aspects of Biological and Organic Chemistry Oct 30 2019 Inorganic Aspects of Biological and Organic Chemistry investigates the inorganic aspects of biological and organic chemistry. Topics include the inorganic chemistry of group Ia and IIa metals; complexes of Ia and IIa cations in organic and biological chemistry; atomic structure and structure-activity correlations; and bonding in ligands and metal complexes. Ligand exchange reactions and factors in complex stability are also discussed. Comprised of 12 chapters, this book begins with an overview of some of the important roles of metals in biological and organic chemistry, followed by an analysis of the inorganic chemistry of group Ia and IIa metals. Complexes of Ia and IIa cations in organic and biological chemistry are then described, together with atomic structure and structure-activity correlations. Subsequent chapters deal with bonding in ligands and metal complexes; ligand exchange reactions and factors in complex stability; redox potentials and processes; and the influence of metal ions on equilibria. The book also considers catalysis by metal ions, metal complexes, and metalloenzymes before concluding with a chapter that examines the reactions of ligands in organometallic complexes. This monograph is written for teachers, students, and practitioners of organic, biological, and inorganic chemistry.

Indian Ethnobotany: Bibliography of 21st Century (2001-2015) Mar 16 2021 Ethnobotany deals with traditional and indigenous associations of people with plants. The subject has been attracting more and more scholars in India and many other countries. It's importance in search for new molecules from ethnomedicinal herbs and useful genes from wild relatives and land races of crops, still in use among many native folk, for genetic engineering has enhanced the importance of the discipline. The number of books and research papers published each year has been rapidly increasing. Research workers need to know about the work done on their topic of study. Bibliographies reviews greatly help in this and save their valuable time. About 2500 publications are listed in the present book. To facilitate the search of reference on particular region, ethnic groups or use categories indexes are given for providing clues to such search. Research guides can easily spot gaps in ethnobotanical studies in any ethnic society, as also regions of the country. Biographers will find from one source the work done in single or joint authorship by the scientist on whom they are writing. To facilitate this an index by surname of joint authors is also provided. The book will be an essential reference work for research workers.

Water in Crystalline Hydrates Aqueous Solutions of Simple Nonelectrolytes Mar 28 2022 vi the information collected and discussed in this volume may help toward the achievement of such an objective. I should like to express my debt of gratitude to the authors who have contributed to this volume. Editing a work of this nature can strain long established personal relationships and I thank my various colleagues for bearing with me and responding (sooner or later) to one or several letters or telephone calls. My special thanks once again go to Mrs. Joyce Johnson, who bore the main brunt of this seemingly endless correspondence and without whose help the editorial and referencing work would have taken several years. F. FRANKS Biophysics Division Unilever Research Laboratory Colworth/ Welwyn Colworth House, Sharnbrook, Bedford January, 1973 Contents Contents of Volume 1 xv Contents of Volume 3 ' xvi . . . Contents of Volume 4 xvii Chapter 1 The Solvent Properties of Water F. Franks 1. Water, the Universal Solvent-the Study of

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Experimental Hepatocarcinogenesis Dec 25 2021 The meeting on experimental hepatocarcinogenesis which took place in Spa, Belgium at the end of May 1987 was the Second European Meeting. About 100 scientists, mostly from Europe but also from the United States, met there for three days in a very friendly atmosphere to exchange knowledge and ideas on experimental and human liver carcinogenesis. The main topics discussed during the meeting included general reviews on hepatocarcinogenesis, experimental models of hepa tocarcinogenesis, biology of hepatocarcinogenesis, and in vitro studies in hepatocarcinogenesis. They are all covered by the various chapters of this proceedings volume, which reflects the present state of knowledge in this important field of cancer research. The final aim of that research is to understand the basic mechanisms of carcinogenesis. The liver offers a parti cularly interesting tool to reach such a goal. Indeed, its biochemistry, its morphology, and its physiology are very diverse, but relatively well known. Various protocols have been developed to produce hepatocellular carcinomas or other malignant tumors. Their appearance is most often preceded by phenotypically altered foci and nodules which have been isolated and characterized. The major cell populations of normal, neoplastic, and malignant livers have been cultivated.

Carcinogenic and Mutagenic N-substituted Aryl Compounds Jan 26 2022

AKASHVANI May 30 2022 "Akashvani" (English) is a programme journal of ALL INDIA RADIO, it was formerly known as The Indian Listener. It used to serve the listener as a bradshaw of broadcasting ,and give listener the useful information in an interesting manner about programmes, who writes them, take part in them and produce them along with photographs of performing artists. It also contains the information of major changes in the policy and service of the organisation. The Indian Listener (fortnightly programme journal of AIR in English) published by The Indian State Broadcasting Service, Bombay, started on 22 December, 1935 and was the successor to the Indian Radio Times in English, which was published beginning in July 16 of 1927. From 22 August ,1937 onwards, it used to published by All India Radio, New Delhi. From 1950,it was turned into a weekly journal. Later, The Indian listener became "Akashvani" (English) w.e.f. January 5, 1958. It was made fortnightly journal again w.e.f July 1,1983. NAME OF THE JOURNAL: AKASHVANI LANGUAGE OF THE JOURNAL: English DATE, MONTH & YEAR OF PUBLICATION: 02 AUGUST, 1981 PERIODICITY OF THE JOURNAL: Weekly NUMBER OF PAGES: 60 VOLUME NUMBER: Vol. XLVI. No. 31 BROADCAST PROGRAMME SCHEDULE PUBLISHED (PAGE NOS): 17-56 ARTICLE: 1. Family Planning: Part of Overall Development 2. Political Philosophy 3. Controlling Water pollution 4. Management of the oceans in the Eighties 5. Happiness through Health AUTHOR: 1. Dr. (Smt.) Indira Kapoor 2. Prof. Mushirul Hasan 3. Shri H. S. Puri 4. Vice-Admiral M. K. Roy 5. Shri B. M. Lal KEYWORDS : 1. Family Planning,Teachers,Physicians,Population 2. Muslim,Culture,Environment 3. Pollution,Environment,Industries,Plants 4. Region,Water Planet,Oceans,India 5. Executive Director,Jamuna Dass,Health,Happiness Document ID : APE-1981-(July-Sep)Vol-II-5 Prasar Bharati Archives has the copyright in all matters published in this "AKASHVANI" and other AIR journals. For reproduction previous permission is essential.

Proceedings of the 1st International Conference on Sustainable Waste Management through Design Apr 04 2020 This book describes the latest advances, innovations and applications in the field of waste management and environmental geomechanics as presented by leading researchers,

engineers and practitioners at the International Conference on Sustainable Waste Management through Design (IC_SWMD), held in Ludhiana (Punjab), India on November 2-3, 2018. Providing a unique overview of new directions, and opportunities for sustainable and resilient design approaches to protect infrastructure and the environment, it discusses diverse topics related to civil engineering and construction aspects of the resource management cycle, from the minimization of waste, through the eco-friendly re-use and processing of waste materials, the management and disposal of residual wastes, to water treatments and technologies. It also encompasses strategies for reducing construction waste through better design, improved recovery, re-use, more efficient resource management and the performance of materials recovered from wastes. The contributions were selected by means of a rigorous peer-review process and highlight many exciting ideas that will spur novel research directions and foster multidisciplinary collaboration among different waste management specialists.

Tantrasaṅgraha of Nīlakaṇṭha Somayājī Oct 23 2021 Tantrasaṅgraha, composed by the renowned Kerala astronomer Nīlakantha Somayājī (c.1444-1545 AD) ranks along with Āryabhatīya of Āryabhata and Siddhāntaśiromani of Bhāskarācārya as one of the major works which significantly influenced further work on astronomy in India. One of the distinguishing features is the introduction of a major revision of the traditional Indian planetary model. Nīlakantha arrived at a unified theory of planetary latitudes and a better formulation of the equation of centre for the interior planets (Mercury and Venus) than was previously available. In preparing the translation and explanatory notes, K. Ramasubramanian and M. S. Sriram have used authentic Sanskrit editions of Tantrasaṅgraha by Surand Kunjan Pillai and K V Sarma. All verses have been translated into English, which have been supplemented with detailed explanations including all necessary mathematical relations, illustrative examples, figures and tables using modern mathematical notation.

Indian Ethnobotany: Emerging Trends Sep 21 2021 Currently ethnobotany has been a subject of wide interest for research in developing and developed countries. The book has been dedicated to the doyen of Indian ethnobiology, Dr. S.K. Jain, FNA, popularly known as 'Father of Indian Ethnobotany'. The book comprises very important articles written by notable ethnobiologists/ botanists on different aspects of ethnobotany. The book would certainly be useful to the students, researchers and teachers working on various aspects of ethnobotany and helpful to various pharmaceutical industries in exploring plants for preparation of new drugs.

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