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Chinese Families Computational Linguistics and Intelligent Text Processing *Thomas Cook European Timetable* **The Effects of Teleshopping on Travel Behavior and Urban Form** **The practice of navigation and nautical astronomy. [With] Tables [and] Supplement to the first ed Rural Development Through Carbon Finance** Engaged Fatherhood for Men, Families and Gender Equality **Industrial Engineering Nanotribology** *Ceramic Materials and Multilayer Electronic Devices* **Homenatge professor Josep M.Costa. Trends in electrochemistry and corrosion at the beginning of the 21st century** *Advances in Heterogeneous Material Mechanics 2008* *The Practice of Navigation and Nautical Astronomy* The role of ligneous vegetation for livestock nutrition in the sub-Saharan and Sudanian zones of West Africa: Potential effects of climate change Operating System (A Practical App) **Congenital Cataracts Reinforced Polymer Composites** **Recent Advances in the Science and Technology of Zeolites and Related Materials** *Materials Transactions* **Research Report** *International Journal of Cast Metals Research Manufacturing Engineering and Automation I Superalloys 2020* *Community, Junior, and Technical College Directory* **Micromachining Techniques for Fabrication of Micro and Nano Structures** Sleep Issues in Women's Health, An Issue of Sleep Medicine Clinics E-Book **Wood and Fiber Science** *Advances in Powder Metallurgy and Particulate Materials, 1996* **Classroom Teacher Salary Schedules** **Handbook of Toxicology of Chemical Warfare Agents** **Diffusion in Solids and Liquids VI** *Biomarkers in Toxicology* *Japanese Journal of Applied Physics* Cardiology Explained **Forming the Future Polyphenols in Human Health and Disease** **The Journal of Pharmacology and Experimental Therapeutics** **Characterization of Nanomaterials** **Energy Resources and Policies for Sustainability** **Porous Materials in Environmentally Friendly Processes**

Energy Resources and Policies for Sustainability Nov 15 2019 An increasing interest in renewable energy resources and the search for maintainable energy policies have inspired the research contributions included in this book. Energy production and distribution need to respond to the modern world's dependence on conventional fuels. To achieve this, collaborative research is required between multiple disciplines, including materials, energy networks, new energy resources, storage solutions, waste to energy systems, smart grids and many other related subjects. Energy policies and management are of primary importance for sustainability and need to be consistent with recent advances in energy production and distribution. Challenges lie as much in the conversion from renewable energies such as wind and solar to useful forms like electricity, heat and fuel at an acceptable cost (including environmental damage) as in the integration of these resources into existing infrastructure.

Wood and Fiber Science Nov 27 2020

Advances in Heterogeneous Material Mechanics 2008 Mar 12 2022 "The International Conference on Heterogeneous Material Mechanics (ICHMM) in Huangshan, China, June 3-8, 2008 follows the successful inaugural ICHMM held in ChongQing, China in June, 2004. The ICHMM series is the first international forum that focuses exclusively on various issues related to the behavior of heterogeneous materials in a broad sense. The object of the ICHMM is to present and publicize integrated scientific and engineering approaches to the measurement and modeling of phenomena at the interface of materials science, physics, chemistry, biology, and solid mechanics."--Preface, p. xxxix.

Reinforced Polymer Composites Oct 07 2021 This book, consisting of 21 articles, including three review papers, written by research groups of experts in the field, considers recent research on reinforced polymer composites. Most of them relate to the fiber-reinforced polymer composites, which are a real hot topic in the field. Depending on the reinforcing fiber nature, such composites are divided into synthetic and natural fiber-reinforced ones. Synthetic fibers, such as carbon, glass, or basalt, provide more stiffness, while natural fibers, such as jute, flax, bamboo, kenaf, and others, are inexpensive and biodegradable, making them environmentally friendly. To acquire the benefits of design flexibility and recycling possibilities, natural reinforcers can be hybridized with small amounts of synthetic fibers to make them more desirable for technical applications. Elaborated composites have great potential as structural materials in automotive, marine and aerospace application, as fire resistant concrete, in bridge systems, as mechanical gear pair, as biomedical materials for dentistry and orthopedic application and tissue engineering, as well as functional materials such as proton-exchange membranes, biodegradable superabsorbent resins and polymer electrolytes.

Engaged Fatherhood for Men, Families and Gender Equality Aug 17 2022 This aim of this open access book is to launch an international, cross-disciplinary conversation on fatherhood engagement. By integrating perspective from three sectors -- Health, Social Policy, and Work in Organizations -- the book offers a novel perspective on the benefits of engaged fatherhood for men, for families, and for gender equality. The chapters are crafted to engaged broad audiences, including policy makers and organizational leaders, healthcare practitioners and fellow scholars, as well as families and their loved ones.

International Journal of Cast Metals Research Jun 03 2021

Manufacturing Engineering and Automation I May 02 2021 This special volume brings together the latest advances in, and applications of, Manufacturing Engineering and Automation. It comprises 598 peer-reviewed papers selected from over 1000 papers submitted by universities and industrial concerns all over the world. Volume is indexed by Thomson Reuters CPCI-S (WoS).

Research Report Jul 04 2021

Ceramic Materials and Multilayer Electronic Devices May 14 2022 This volume contains a collection of 40 papers from two symposia: Advanced Dielectric Materials and Multilayer Electronic Devices and High Strain Piezoelectric Materials, Devices and Applications. Topics include fundamental and historical perspectives of dielectric materials; relaxor materials and devices; high strain piezoelectric devices; advanced aspects of powder preparation, characterization, and properties; thin films; materials for low and high frequency applications; processing-structure-property-relationships; and future applications. Proceedings of the symposium held at the 105th Annual Meeting of The American Ceramic Society, April 27-30, 2003, in Nashville, Tennessee; Ceramic Transactions, Volume 150.

Nanotribology Jun 15 2022 Nanotribology: Critical Assessment and Research Needs is an excellent reference for both academic and industrial researchers working in the fields of nanotechnology, tribology, mechanical engineering, materials science and engineering, MEMS, NEMS, magnetic recording, and biomedical devices. It will also be of interest to those pursuing scanning probe microscopy, nanoimaging,

mesomanufacturing, sensors, actuators, aerospace, defense (controllers, microsystems), and military systems. Nanotribology: Critical Assessment and Research Needs provides a critical assessment of the current state of the art of nanotribology within the context of MEMS, mesomanufacturing, nanotechnology and microsystems. It contains chapters written by the leading experts in these fields. It identifies gaps in current knowledge and barriers to applications, and recommends research areas that need to be addressed to enable the rapid development of technologies.

Polyphenols in Human Health and Disease Feb 17 2020 Polyphenols in Human Health and Disease documents antioxidant actions of polyphenols in protection of cells and cell organelles, critical for understanding their health-promoting actions to help the dietary supplement industry. The book begins by describing the fundamentals of absorption, metabolism and bioavailability of polyphenols, as well as the effect of microbes on polyphenol structure and function and toxicity. It then examines the role of polyphenols in the treatment of chronic disease, including vascular and cardiac health, obesity and diabetes therapy, cancer treatment and prevention, and more. Explores neuronal protection by polyphenol metabolites and their application to medical care Defines modulation of enzyme actions to help researchers see and study polyphenols' mechanisms of action, leading to clinical applications Includes insights on polyphenols in brain and neurological functions to apply them to the wide range of aging diseases

Community, Junior, and Technical College Directory Feb 28 2021

The Effects of Teleshopping on Travel Behavior and Urban Form Nov 20 2022

Rural Development Through Carbon Finance Sep 18 2022 In a timely contribution to the international discussion of the post-Kyoto climate regime this study hypothesizes that Clean Development Mechanism (CDM) projects in the land use and forestry sector are an efficient instrument for climate change mitigation that contributes to rural development and poverty alleviation at the same time. To this end, the study analyzes socio-economic aspects of a forestry project established under the CDM rules considering an East African case study exemplarily. An agricultural household survey in Tanzania delivered the empirical data for the structural equation model at the center of the analysis. Looking at different farm assets it is shown that the benefits of land use-related climate projects go way beyond pure mitigation. They also have a positive impact on a very broad asset base on which poor farm households depend. Hence, the current CDM only allowing for afforestation and reforestation projects is far too restricted to deliver on its twin objective.

The role of ligneous vegetation for livestock nutrition in the sub-Saharan and Sudanian zones of West Africa: Potential effects of climate change Jan 10 2022 Kurzbeschreibung Aufgrund der starken Abhängigkeit von Niederschlägen und natürlichen Ressourcen gelten Ackerbau und Viehzucht im subsaharischen westlichen Afrika als besonders anfällig für klimatischen Wandel. Verstärkt wird dies durch das geringe Anpassungsvermögen der lokalen Bauern und Viehzüchter an die neuen Umstände. Das Ziel der vorliegenden Arbeit war daher die Untersuchung der zu erwartenden Einflüsse zukünftiger Klimaveränderungen auf die Tierernährung und Weidenutzung in der südlichen Sahelzone und der nördlichen und südlichen Sudanzone in Burkina Faso. Um dies zu erreichen, wurden von 2009 bis 2010 drei Studien durchgeführt; dafür ausgewählt wurden die Dörfer und Dorfgebiete (100 km²) von Taffogo (südliche Sahelzone), Nobere und Safane (nördliche Sudanzone) und Sokouraba (südliche Sudanzone). Die Wahl von zwei Dörfern in der nördlichen Sudanzone war begründet durch die Dichotomie zwischen intensiver landwirtschaftlicher Nutzung und hoher Bevölkerungsdichte in Safane und geringer ackerbaulicher Nutzungsintensität in der Pufferzone zwischen dem Dorf Nobere und dem Nationalpark Pô. Unter Verwendung globaler Navigations- (GPS) sowie Geoinformationssysteme (GIS) wurden räumliche und zeitliche Veränderungen in der Weidenutzung sowie im Fressverhalten von Rindern, Schafen und Ziegen in den vier Dörfern untersucht. Hierzu wurden pro Dorf jeweils drei Herden der genannten Haustierarten über einen Zeitraum von einem Jahr beobachtet (Kapitel 2). Die längsten Weidewege (km/Tag) waren während der heißen Trockenzeit (März – Mai) festzustellen. Schafe (18,8) und Rinder (17,4) legten dabei signifikant größere Distanzen zurück als Ziegen (10,5; p0,05). Die tägliche Weidedauer lag zwischen sechs und elf Stunden und war bei den Rindern länger als bei den kleinen Wiederkäuern (p0,05). Artunabhängig wurden 52–72% des Weidetages mit der Aufnahme von Futter verbracht. In der südlichen Sahelzone verbrachten die Herden mehr Zeit pro Tag auf den Weideflächen und legten zudem größere Distanzen zurück als in den beiden sudanischen Zonen (p0,01); die effektive Fresszeit war dagegen in der südlichen Sudanzone am längsten (p0,05). Eine proportionale Abnahme von Ruhephasen war während der Regenzeit (Juni - Oktober) im Vergleich zur kühlen (November - Februar) sowie heißen Trockenzeit zu beobachten (p0,05), während gleichzeitig der proportionale Anteil der Marschzeit zunahm. Unabhängig von der Jahreszeit erfolgte die Futteraufnahme in der südlichen Sahelzone bei allen drei Arten signifikant häufiger in bewaldeten Bereichen (Baumdeckung 5-10% oder Strauchdeckung 10%), während sie sich in den beiden sudanischen Zonen vornehmlich auf Waldflächen (Baumdeckung 10%) konzentrierte. Daraus lässt sich ableiten, dass bei gleichzeitiger Ausdehnung von landwirtschaftlich genutzten Flächen verbleibende Waldinseln und baumreiche Bereiche, einschließlich älterer (und damit buschbestandener) Brachflächen wertvolle Weidegründe für die lokalen Wiederkäuerherden darstellen. Es sollten daher Maßnahmen ergriffen werden, um dem Rückgang solch bewaldeter Bereiche entgegenzuwirken und gleichzeitig den Schutz sowie die (Wieder-)Anpflanzung dürrerotoleranter Futterbäume aktiv zu fördern. In einer weiteren Studie (Kapitel 3) wurde die Futterselektion der genannten Herden weidender Rinder und kleiner Wiederkäuer untersucht, und 75 Tierhalter zum Weideverhalten ihrer Tiere sowie zur Behandlung von Tierkrankheiten mit traditionellen pflanzlichen Medikamenten befragt. Ziel war es, die Auswirkungen des Klimawandels auf die Ernährung und Gesundheit der Nutztiere zu erfassen. Über alle drei untersuchten agro-ökologischen Zonen hinweg zeigen die Ergebnisse eine bevorzugte Nutzung holziger Futterpflanzen durch die drei Tierarten. Der Anteil der auf Selektion solcher Pflanzen verwendeten Zeit an der Gesamfresszeit war dabei bei Ziegen signifikant höher als bei Schafen und Rindern (p

Superalloys 2020 Apr 01 2021 The 14th International Symposium on Superalloys (Superalloys 2020) highlights technologies for lifecycle improvement of superalloys. In addition to the traditional focus areas of alloy development, processing, mechanical behavior, coatings, and environmental effects, this volume includes contributions from academia, supply chain, and product-user members of the superalloy community that highlight technologies that contribute to improving manufacturability, affordability, life prediction, and performance of superalloys.

Recent Advances in the Science and Technology of Zeolites and Related Materials Sep 06 2021 Recent Advances in Science and Technology of Zeolites and Related Materials is a collection of oral and poster communications, presented during the 14th International Zeolite Conference (IZC). The conference was hosted by the Catalysis Society of South Africa. In the tradition of the IZC series, this Conference provides a forum for the presentation of new knowledge in the science and technology of zeolites and related materials. Papers presented cover a wide range of topics that include synthesis, structure determination, characterisation, modelling, and catalysis. This highly visual book is a must for readers looking to stay up-to-date on zeolite science. * This three-part volume provides valuable information on zeolites and related materials * Includes papers that cover topics such as structure determination, modelling and separation processes * Contains new and exciting developments in the field

Advances in Powder Metallurgy and Particulate Materials, 1996 Oct 27 2020

Diffusion in Solids and Liquids VI Jul 24 2020 The goal of this special collection of peer-reviewed papers was to provide an unique opportunity to exchange information, to present the latest results and to review relevant issues in contemporary diffusion research. The result is a work which will provide valuable insights into this subject. Volume is indexed by Thomson Reuters CPCI-S (WoS)

The Practice of Navigation and Nautical Astronomy Feb 11 2022

Chinese Families Feb 23 2023 Chinese societies have undergone a tremendous amount of social, political, and economic change, which have been a catalyst for substantial shifts in fundamental structures within Chinese families. This edited collection focuses on the continuities and changes in gender and inter-generational relations of Chinese families in Greater China.

Sleep Issues in Women's Health, An Issue of Sleep Medicine Clinics E-Book Dec 29 2020 This issue of Sleep Medicine Clinics focuses on Sleep Disorders in Women's Health, with topics including: Menstrual cycle effects on sleep; Impact of shiftwork on sleep, circadian rhythms, and health in women; Sleep in pregnancy; RLS in pregnancy; Sleep-disordered breathing in pregnancy; Postpartum sleep and circadian rhythms; Chronic pain and autoimmune disorders in women; Management of sleep disturbance in women with cancer; Impact of stress and trauma on sleep; Sleep disorders in female veterans; Sleep and sleep disorders in the menopausal transition; and Impact of sleep disturbance on health and cognition in elderly women.

The practice of navigation and nautical astronomy. [With] Tables [and] Supplement to the first ed Oct 19 2022

Industrial Engineering Jul 16 2022 This book, industrial engineering (IE), provides various concepts and theoretical and practical knowledge related to the area of industrial engineering. all the topics covered as per the syllabus of GTU such as plant layouts, job evolution, industrial legalization, production planning and control, SQC, QC, entrepreneurship, strategic management, etc are discussed to help develop the required skill among the students to study in this area. this book also creates awareness about the historical developments in the various fields of IE.

Cardiology Explained Apr 20 2020 One of the most time-consuming tasks in clinical medicine is seeking the opinions of specialist colleagues. There is a pressure not only to make referrals appropriate but also to summarize the case in the language of the specialist. This book explains basic physiologic and pathophysiologic mechanisms of cardiovascular disease in a straightforward manner, gives guidelines as to when referral is appropriate, and, uniquely, explains what the specialist is likely to do. It is ideal for any hospital doctor, generalist, or even senior medical student who may need a cardiology opinion, or for that ma.

Computational Linguistics and Intelligent Text Processing Jan 22 2023 This book constitutes the refereed proceedings of the Second International Conference on Intelligent Text Processing and Computational Linguistics, CICLing 2001, held in Mexico City, Mexico in February 2001. The 38 revised full papers and 12 short papers presented together with three invited papers were carefully reviewed and selected from 72 submissions. The books is divided in topical sections on computational linguistic theories, semantics, anaphora and reference, disambiguation, translation, text generation, dictionaries and corpora, morphology, parsing techniques, text categorization, information retrieval, and structure identification and text mining.

Thomas Cook European Timetable Dec 21 2022

Biomarkers in Toxicology Jun 22 2020 Biomarkers in Toxicology is a timely and comprehensive reference dedicated to all aspects of biomarkers that relate to chemical exposure and their effects on biological systems. This book includes both vertebrate and non-vertebrate species models for toxicological testing and development of biomarkers. Divided into several key sections, this reference volume contains chapters devoted to topics in molecular-cellular toxicology, as well as a look at the latest cutting-edge technologies used to detect biomarkers of exposure and effects. Each chapter also contains several references to the current literature and important resources for further reading. Given this comprehensive treatment, Biomarkers in Toxicology is an essential reference for all those interested in biomarkers across several scientific and biomedical fields. Written by international experts who have evaluated the expansive literature to provide you with one resource covering all aspects of toxicology biomarkers Identifies and discusses the most sensitive, accurate, unique and validated biomarkers used as indicators of exposure and effect of chemicals of different classes Covers special topics and applications of biomarkers, including chapters on molecular toxicology biomarkers, biomarker analysis for nanotoxicology, development of biomarkers for drug efficacy evaluation and much more

Forming the Future Mar 20 2020 In this collection, scientists and engineers from across industry, academia, and government present their latest improvements and innovations in all aspects of metal forming science and technology, with the intent of facilitating linkages and collaborations among these groups. Chapters cover the breadth of metal forming topics, from fundamental science to industrial application.

Japanese Journal of Applied Physics May 22 2020

Materials Transactions Aug 05 2021

Porous Materials in Environmentally Friendly Processes Oct 15 2019 To leave our planet liveable in the next millennium mankind is forced to find environmentally friendly ways in solving the problems of everyday life. Among others, technologies of producing chemicals, absolutely necessary for maintaining a comfortable life, have to be modified, in some instances fundamentally changed now, or in the very near future. Developing new technologies requires strong and innovative fundamental research. In order to provide opportunity for crossfertilization the Federation of European Zeolite Associations (FEZA) decided to organise a conference, where researchers from academia as well as industry can meet, exchange ideas, show and discuss research efforts and results concerning the development of environmentally friendly processes and technologies. The conference, and thus the proceedings are divided into two main parts. The first part contains works concerning the synthesis, modification and characterisation of zeolitic materials as catalyst candidates in environmentally friendly technologies. Works in the second part describe various applications starting from developing highly selective reactions for the fine chemical industry, through waste-water treatment to applying zeolite for formulating bacteria for pest control.

Operating System (A Practical App) Dec 09 2021 For the Students of B.E. / B.Tech., M.E. / M.Tech. & BCA / MCA It is indeed a matter of great encouragement to write the Third Edition of this book on 'Operating Systems - A Practical Approach' which covers the syllabi of B.Tech./B.E. (CSE/IT), M.Tech./M.E. (CSE/IT), BCA/MCA of many universities of India like Delhi University, GGSIPU Delhi, UPTU Lucknow, WBUT, RGPV, MDU, etc.

Characterization of Nanomaterials Dec 17 2019 This Special Issue "Characterization of Nanomaterials" collects nine selected papers presented at the 6th Dresden Nanoanalysis Symposium, held at Fraunhofer Institute for Ceramic Technologies and Systems in Dresden, Germany, on 31 August 2018. Following the specific motto of this annual symposium "Materials challenges—Micro- and nanoscale characterization", it covered various topics of nanoscale materials characterization along the whole value and innovation chain, from fundamental research up to industrial applications. The scope of this

Special Issue is to provide an overview of the current status, recent developments and research activities in the field of nanoscale materials characterization, with a particular emphasis on future scenarios. Primarily, analytical techniques for the characterization of thin films and nanostructures are discussed, including modeling and simulation. We anticipate that this Special Issue will be accessible to a wide audience, as it explores not only methodical aspects of nanoscale materials characterization, but also materials synthesis, fabrication of devices and applications.

The Journal of Pharmacology and Experimental Therapeutics Jan 18 2020

Handbook of Toxicology of Chemical Warfare Agents Aug 25 2020 Handbook of Toxicology of Chemical Warfare Agents, Third Edition, covers every aspect of deadly toxic chemicals used in conflicts, warfare and terrorism. Including findings from experimental as well as clinical studies, this essential reference offers in-depth coverage of individual toxicants, target organ toxicity, major incidents, toxic effects in humans, animals and wildlife, biosensors and biomarkers, on-site and laboratory analytical methods, decontamination and detoxification procedures, and countermeasures. Expanding on the second edition, Handbook of Toxicology of Chemical Warfare Agents has been completely updated, presenting the most recent advances in field. Brand new chapters include a new chapter on emergency preparedness, coverage of the chemical warfare agents used in Syria, the use of the Novichok agent in the UK, and more. Unites world-leading experts to bring you cutting-edge, agent-specific information on Chemical Warfare Agents (CWA) and their adverse effects on human and animal health, and the environment Provides you with all the information you need on CWA modes of action, detection, prevention, therapeutic treatment and countermeasures New to this edition: a full update to reflect the most recent advances in the field and new chapters on emergency preparedness, the chemical warfare agents used in Syria, and the use of the Novichok agent in the UK

Classroom Teacher Salary Schedules Sep 25 2020

Homenatge professor Josep M.Costa. Trends in electrochemistry and corrosion at the beginning of the 21st century Apr 13 2022 Este libro está dedicado al Profesor Josep M. Costa en ocasión de su 70 aniversario. Reúne un total de 73 artículos y revisiones originales, tanto científicas como tecnológicas, escritas en español e inglés por unos 250 investigadores de todo el mundo, y que son exponentes representativos de la investigación internacional en materias de gran interés en la Electroquímica y la Corrosión de principios de este siglo XXI. El libro se ha estructurado en dos grandes secciones. La primera sección correspondiente a la Electroquímica consta de 33 trabajos distribuidos en 5 capítulos dedicados a los campos de Electroquímica Molecular, Electrodeposición, Electroodos Modificados, Descontaminación Electroquímica, y Sensores y Electroanálisis. La segunda sección relativa a la Corrosión comprende 40 trabajos que se agrupan en otros 5 capítulos que versan sobre Corrosión en Ambientes Corrosivos Seleccionados, Protección contra la Corrosión y Monitorización, Recubrimientos, Nuevos Materiales y Tratamientos, y Educación en la Corrosión...This book is dedicated to Professor Josep M. Costa in occasion of his 70th birthday. It collects a total number of 73 original articles and reviews, both scientific and technologic, written in English and Spanish by about 250 researchers of all around the world who are representative exponents of the international research in topics of great interest in Electrochemistry and Corrosion at the beginning of the 21st Century. The book has been structured in two large sections. The first section corresponds to Electrochemistry and includes 33 articles distributed into five chapters related to the fields of Molecular Electrochemistry, Electrodeposition, Modified Electrodes, Electrochemical Depollution, and Sensors and Electroanalysis. The second section is related to Corrosion and contains 40 articles gathered into other five chapters devoted to Corrosion in Selected Environments, Corrosion Protection and Monitoring, Coatings, New Materials and Treatments, and Corrosion Education.

Congenital Cataracts Nov 08 2021

Micromachining Techniques for Fabrication of Micro and Nano Structures Jan 30 2021 Micromachining is used to fabricate three-dimensional microstructures and it is the foundation of a technology called Micro-Electro-Mechanical-Systems (MEMS). Bulk micromachining and surface micromachining are two major categories (among others) in this field. This book presents advances in micromachining technology. For this, we have gathered review articles related to various techniques and methods of micro/nano fabrications, like focused ion beams, laser ablation, and several other specialized techniques, from esteemed researchers and scientists around the world. Each chapter gives a complete description of a specific micromachining method, design, associate analytical works, experimental set-up, and the final fabricated devices, followed by many references related to this field of research available in other literature. Due to the multidisciplinary nature of this technology, the collection of articles presented here can be used by scientists and researchers in the disciplines of engineering, materials sciences, physics, and chemistry.

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