

## 2014 Mca Annual Meeting Metal Construction Association

This lavish book documents the developments in the field of fiber-related art over the past half century. The 1960s saw a revolution in fiber art. Where once the focus was on knotting, twining, and coiling thread into works that were immediately recognizable, and therefore connected to utilitarian crafts, fiber artists of the later 20th-century began to experiment with abstract forms that were closer to sculpture than craft. Influenced by postmodernist ideas, these works are the product of experimentation with materials and technique while at the same time confronting important cultural issues. This book traces that development from the mid-twentieth century to the present. In the words of Bauhaus weaver Anni Albers, the expressive quality of fiber is essentially a "language of thread." That language is beautifully displayed in full-color spreads and individual illustrations in this book. Scholarly essays address the feminist movement of the 1970s; the expanded use of materials in the '80s and '90s; and the more recent employment of fiber as one more material in the creation of freestanding works. In addition to a section of full color illustrations, this book also includes profiles of all of the genre's most influential artists.

In the beginning, there was the river — before the beach, before the drain, before the dredging, before the dams, before numerous other actions that altered the stream. River Dreams reveals the complex history of the Cooks River in south-eastern Sydney — a river renowned as

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Australia's most altered and polluted. While nineteenth century developers called it 'improvement', the sugar mill, tanneries, and factories that lined the banks of Sydney's Cooks River had drastic consequences for the health of the river. Local Aboriginal people became fringe dwellers, and over time the river became severely compromised, with many ecosystems damaged or destroyed. Later, a large section was turned into a concrete canal, and in the late 1940s the river was rerouted for the expansion of Sydney Airport. While much of the river has been rehabilitated in recent decades by passionate local groups and through government initiatives, it continues to be a source of controversy with rapid apartment development placing new stresses on the region. River Dreams is a timely reminder of the need to tread cautiously in seeking to dominate, or ignore, our environment. A beautiful book that reminds us that Australians are river people as much as we are bush or coast dwellers.' — IAN HOSKINS

This Book of Abstracts is the main publication of the 66th Annual Meeting of the European Federation for Animal Science 2015 in Warsaw, Poland. It contains abstracts of the invited papers and contributed presentations. The meeting addressed subjects relating to science and innovation. Important problems were also discussed during the sessions of EAAP's nine Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems.

The Mental capacity Act 2005 provides a statutory

framework for people who lack the capacity to make decisions for themselves, or for people who want to make provision for a time when they will be unable to make their own decisions. This code of practice, which has statutory force, provides information and guidance about how the Act should work in practice. It explains the principles behind the Act, defines when someone is incapable of making their own decisions and explains what is meant by acting in someone's best interests. It describes the role of the new Court of Protection and the role of Independent Mental Capacity Advocates and sets out the role of the Public Guardian. It also covers medical treatment and the way disputes can be resolved. The first major U.S. monograph in ten years on Murakami is the definitive survey of the paintings of one of today's most influential artists. Takashi Murakami (b. 1962), one of contemporary art's most widely recognized exponents, receives a long-awaited critical consideration in this important volume. Accompanying the first retrospective exhibition devoted solely to Murakami's paintings, this book traces Murakami's career from his earliest training to his current studio practice. Where other books address the commercial aspects of Murakami's work, this is the first serious survey of his work as a painter. Through essays and illustrations—many previously unpublished—it explores the artist's relationship to the tradition of Japanese painting and his facility in straddling high and low, ancient and modern, Eastern and Western, commercial and high art. New texts address Murakami's output in the context of postwar Japan, situating the artist in

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relation to folklore, traditional Japanese painting, the Tokyo art scene in the 1980s and 1990s, and the threat of nuclear annihilation. This richly illustrated volume also includes a detailed biography and exhibition history. Takashi Murakami is a true essential for collectors and fans alike.

The plastic forming of metallic materials is the most efficient and an important manufacturing technology in today's industry. Lightweight materials, such as titanium alloys, aluminum alloys, and ultra-high-strength steels, are used extensively in the automotive, aerospace, transportation, and construction industries, leading to increased demand for advanced innovative forming technologies. Today, numeric simulations are highly focused and provide a better understanding of the innovative forming processes. Computational methods and numerical analysis coupled with the modelling of the structural evolution allow us to reduce time costs and eliminate experimental tests. The subjects of research articles published in this nook are multidisciplinary, including friction and lubrication in sheet metal forming, hot strip rolling and tandem strip rolling, application of numeric methods to simulate metal forming processes, development of new creep performance materials, the single point incremental forming process, and the fatigue fracture characteristics of Alclad 7075-T6 aluminum alloy sheets joined by refill friction stir spot welding. Review articles summarize the approaches on the innovative numerical algorithms, experimental methods, and theoretical contributions that have recently been proposed for sheet metal forming by researchers and

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business research centers.

Literary cult hero Dennis Cooper delivers his highly anticipated new novel. Written in a voice that is lush and intricate, *The Marbled Swarm* is Dennis Cooper's most accomplished (and most beguiling) work to date. Cooper tells the story of a man who secretly influences his son to commit a grisly act. Justin Taylor, author of *The Gospel of Anarchy*, calls *The Marbled Swarm* "a mindbending masterpiece . . . vivid, slippery, ferocious, and rich with secrets. Nobody else could have written this novel and nothing else like it exists."

Cooper, following his collections *Smothered in Hugs and Ugly Man*, offers his fans the expansive novel they have been waiting for—one that will become a touchstone of outsider literature.

"[A] brilliant, triumphantly lurid writer as well as a supremely talented, elegant stylist whose prose is smart and nervy. He might also be the last literary outlaw in mainstream American fiction." —Bret Easton Ellis

Internationally acclaimed writer Dennis Cooper continues to study the material he's always explored honestly, but does so now—in stories—with a sense of awareness and a satirical touch that exploits and winks at his mastery of this world. As it has done for decades, Cooper's taut, controlled prose lays bare the compulsions and troubling emptiness of the human soul.

It is estimated that literally billions of residents in urban and peri-urban areas of Africa, Asia, and Latin America are served by onsite sanitation systems (e.g. various types of latrines and septic tanks). Until recently, the management of faecal sludge from these onsite systems

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has been grossly neglected, partially as a result of them being considered temporary solutions until sewer-based systems could be implemented. However, the perception of onsite or decentralized sanitation technologies for urban areas is gradually changing, and is increasingly being considered as long-term, sustainable options in urban areas, especially in low- and middle-income countries that lack sewer infrastructures. This is the first book dedicated to faecal sludge management. It compiles the current state of knowledge of the rapidly evolving field of faecal sludge management, and presents an integrated approach that includes technology, management, and planning based on Sandecs 20 years of experience in the field. *Faecal Sludge Management: Systems Approach for Implementation and Operation* addresses the organization of the entire faecal sludge management service chain, from the collection and transport of sludge, and the current state of knowledge of treatment options, to the final end use or disposal of treated sludge. The book also presents important factors to consider when evaluating and upscaling new treatment technology options. The book is designed for undergraduate and graduate students, and engineers and practitioners in the field who have some basic knowledge of environmental and/or wastewater engineering.

The globally escalating population necessitates production of more goods and services to fulfil the expanding demands of human beings which resulted in urbanization and industrialization. Uncontrolled industrialization caused two major problems – energy

crisis and accelerated environmental pollution throughout the world. Presently, there are technologies which have been proposed or shown to tackle both the problems. Researchers continue to seek more cost effective and environmentally beneficial pathways for problem solving. Plant kingdom comprises of species which have the potential to resolve the couple problem of pollution and energy. Plants are considered as a potential feedstock for development of renewable energy through biofuels. Another important aspect of plants is their capacity to sequester carbon dioxide and absorb, degrade, and stabilize environmental pollutants such as heavy metals, poly-aromatic hydrocarbons, poly-aromatic biphenyls, radioactive materials, and other chemicals. Thus, plants may be used to provide renewable energy generation and pollution mitigation. An approach that could amalgamate the two aspects can be achieved through phytoremediation (using plants to clean up polluted soil and water), and subsequent generation of energy from the phyto-remediator plants. This would be a major advance in achieving sustainability that focuses on optimizing 'people' (social issues), 'planet' (environmental issues), and 'profit' (financial issues). The "Phytoremediation-Cellulosic Biofuels" (PCB) process will be socially beneficial through reducing pollution impacts on people, ecologically beneficial through pollution abatement, and economically viable through providing revenue that supplies an energy source that is renewable and also provides less dependence on importing foreign energy (energy-independence). The utilization of green plants for

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pollution remediation and energy production will also tackle some other important global concerns like global climate change, ocean acidification, and land degradation through carbon sequestration, reduced emissions of other greenhouse gases, restoration of degraded lands and waters, and more. This book addresses the overall potential of major plants that have the potential to fulfil the dual purposes of phytoremediation and energy generation. The non-edible bioenergy plants that are explored for this dual objective include *Jatropha curcas*, *Ricinus communis*, *Leucaena leucocephala*, *Milletia pinnata*, *Canabis sativa*, *Azadirachta indica*, and *Acacia nilotica*. The book addresses all possible aspects of phyto-remediation and energy generation in a holistic way. The contributors are one of most authoritative experts in the field and have covered and compiled the best content most comprehensively. The book is going to be extremely useful for researchers in the area, research students, academicians and also for policy makers for an inclusive understanding and assessment of potential in plant kingdom to solve the dual problem of energy and pollution.

This revised and updated edition of the *Chronicle of Malaysia* brings the full dramatic sweep of Malaysia's history up to date, taking the reader through the nation's first 50 years from the formation of Malaysia in 1963 all the way to 2013. It is packed with illustrated news stories covering hundreds of the nation's key social, political, cultural and sporting events. As a compendium of all aspects of Malaysian life, the book captures the mood of the day with a sense of vividness and immediacy. Concise, accessible articles—revised and

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rewritten to engage today's readers—are introduced by headlines and liberally illustrated with photographs and specially commissioned cartoons. The book is structured chronologically, with an average of eight pages devoted to each year beginning with a succinct summary of the year's key events. A host of themes are covered: not just the major political and economic events but also the human side of the Malaysian experience—sports, fashion, music, the arts, architecture, lifestyle, disasters, crime and the social scene. These combine to give readers the feel of each era of Malaysia's past and enables them to draw parallels with the present.

This publication covers global megatrends for the next 20 years and how they will affect the United States. This is the fifth installment in the National Intelligence Council's series aimed at providing a framework for thinking about possible futures and their implications. The report is intended to stimulate strategic thinking about the rapid and vast geopolitical changes characterizing the world today and possible global trajectories during the next 15-20 years by identifying critical trends and potential discontinuities. The authors distinguish between megatrends, those factors that will likely occur under any scenario, and game-changers, critical variables whose trajectories are far less certain. NIC 2012-001. Several innovations are included in Global Trends 2030, including: a review of the four previous Global Trends reports, input from academic and other experts around the world, coverage of disruptive technologies, and a chapter on the potential trajectories for the US role in the international system and the possible the impact on future international relations. Table of Contents: Introduction 1 Megatrends 6 Individual Empowerment 8 Poverty Reduction 8 An Expanding Global Middle Class 8 Education and the Gender Gap 10 Role of Communications Technologies 11 Improving

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Health 11 A MORE CONFLICTED IDEOLOGICAL LANDSCAPE 12 Diffusion of Power 15 THE RISE AND FALL OF COUNTRIES: NOT THE SAME OLD STORY 17 THE LIMITS OF HARD POWER IN THE WORLD OF 2030 18 Demographic Patterns 20 Widespread Aging 20 Shrinking Number of Youthful Countries 22 A New Age of Migration 23 The World as Urban 26 Growing Food, Water, and Energy Nexus 30 Food, Water, and Climate 30 A Brighter Energy Outlook 34 Game-Changers 38 The Crisis-Prone Global Economy 40 The Plight of the West 40 Crunch Time Too for the Emerging Powers 43 A Multipolar Global Economy: Inherently More Fragile? 46 The Governance Gap 48 Governance Starts at Home: Risks and Opportunities 48 INCREASED FOCUS ON EQUALITY AND OPENNESS 53 NEW GOVERNMENTAL FORMS 54 A New Regional Order? 55 Global Multilateral Cooperation 55 The Potential for Increased Conflict 59 INTRASTATE CONFLICT: CONTINUED DECLINE 59 Interstate Conflict: Chances Rising 61 Wider Scope of Regional Instability 70 The Middle East: At a Tipping Point 70 South Asia: Shocks on the Horizon 75 East Asia: Multiple Strategic Futures 76 Europe: Transforming Itself 78 Sub-Saharan Africa: Turning a Corner by 2030? 79 Latin America: More Prosperous but Inherently Fragile 81 The Impact of New Technologies 83 Information Technologies 83 AUTOMATION AND MANUFACTURING TECHNOLOGIES 87 Resource Technologies 90 Health Technologies 95 The Role of the United States 98 Steady US Role 98 Multiple Potential Scenarios for the United States' Global Role 101 Alternative Worlds 107 Stalled Engines 110 FUSION 116 Gini-out-of-the-Bottle 122 Nonstate World 128 Acknowledgements 134 GT2030 Blog References 137 Audience: Appropriate for anyone, from businesses to banks, government agencies to start-ups, the technology sector to the teaching sector, and more. This publication helps

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anticipate where the world will be: socially, politically, technologically, and culturally over the next few decades. Keywords: Global Trends 2030 Alternative Worlds, global trends 2030, Global Trends series, National Intelligence Council, global trajectories, global megatrends, geopolitics, geopolitical changes

Felipe Hinojosa's parents first encountered Mennonite families as migrant workers in the tomato fields of northwestern Ohio. What started as mutual admiration quickly evolved into a relationship that strengthened over the years and eventually led to his parents founding a Mennonite Church in South Texas. Throughout his upbringing as a Mexican American evangélico, Hinojosa was faced with questions not only about his own religion but also about broader issues of Latino evangelicalism, identity, and civil rights politics. *Latino Mennonites* offers the first historical analysis of the changing relationship between religion and ethnicity among Latino Mennonites. Drawing heavily on primary sources in Spanish, such as newspapers and oral history interviews, Hinojosa traces the rise of the Latino presence within the Mennonite Church from the origins of Mennonite missions in Latino communities in Chicago, South Texas, Puerto Rico, and New York City, to the conflicted relationship between the Mennonite Church and the California farmworker movements, and finally to the rise of Latino evangelical politics. He also analyzes how the politics of the Chicano, Puerto Rican, and black freedom struggles of the 1960s and 1970s civil rights movements captured the imagination of Mennonite leaders who belonged to a church known more for rural and peaceful agrarian life than for social protest. Whether in terms of religious faith and identity, race, immigrant rights, or sexuality, the politics of belonging has historically presented both challenges and possibilities for Latino evangelicals in the religious landscapes of twentieth-

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century America. In Latino Mennonites, Hinojosa has interwoven church history with social history to explore dimensions of identity in Latino Mennonite communities and to create a new way of thinking about the history of American evangelicalism.

Provides an in-depth overview of the Federal Reserve System, including information about monetary policy and the economy, the Federal Reserve in the international sphere, supervision and regulation, consumer and community affairs and services offered by Reserve Banks. Contains several appendixes, including a brief explanation of Federal Reserve regulations, a glossary of terms, and a list of additional publications.

From 2000 to 2010, the Latino population increased by more than 73 percent across eight midwestern states. These interdisciplinary essays explore issues of history, education, literature, art, and politics defining today's Latina/o Midwest. Some contributors delve into the Latina/o revitalization of rural areas, where communities have launched bold experiments in dual-language immersion education while seeing integrated neighborhoods, churches, and sports teams become the norm. Others reveal metro areas as laboratories for emerging Latino subjectivities, places where for some, the term Latina/o itself corresponds to a new type of lived identity as different Latina/o groups interact in shared neighborhoods, schools, and workplaces. Eye-opening and provocative, *The Latina/o Midwest Reader* rewrites the conventional wisdom on today's Latina/o community and how it faces challenges—and thrives—in the heartland. Contributors: Aidé Acosta, Frances R. Aparicio, Jay Arduser, Jane Blocker, Carolyn Colvin, María Eugenia Cotera, Theresa Delgadillo, Lilia Fernández, Claire F. Fox, Felipe Hinojosa, Michael D. Innis-Jiménez, José E. Limón, Marta María Maldonado, Louis G. Mendoza, Amelia María de la Luz Montes, Kim Potowski, Ramón H. Rivera-

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Servera, Rebecca M. Schreiber, Omar Valerio-Jiménez, Santiago Vaquera-Vásquez, Darrel Wanzer-Serrano, Janet Weaver, and Elizabeth Willmore

An executive VP shares thirteen challenges women face in the workplace, their impact, and strategies for women to overcome them and achieve success.

Navigating the workforce as a woman can feel like making your way through a minefield. Step too far in one direction, and suddenly, you're considered bossy and overbearing and difficult to work with. Too far in the other, and you lose your power and voice. And if you try to stay in the middle, you could still be contributing to a long history of stagnant mind-sets that have hindered women from reaching true equality. In *The B Words: 13 Words Every Woman Must Navigate for Success*, Tricia Kagerer uses her experience and the experiences of other women to help women of all ages and in all walks of life achieve their goals. Kagerer identifies the challenges as —both internal and external—each as a different “B” word, that hold women back both personally and professionally, then explores their impact and outlines strategies for overcoming them. Whether that means navigating difficult relationships with coworkers, building effective professional networks, or confronting one's own limiting beliefs and biases, Kagerer's advice shows how we can break through these obstacles and find our way to self-defined success. This book fights for true equality in the

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workforce and calls for bridges to be built not only between women but between men and women as well, fostering open communication and understanding that will lead to a brighter future.

Praise for *The B Words* “From balance and babies to badasses and bravery, this book packs a punch about living with intention.” —Sharon Orlopp, former

Global Chief Diversity Officer, Walmart “*The B Words* is a great guide, not only for women just starting out, but also for those who have been in the business for years.” —Dr. Sally Spencer-Thomas,

author & keynote speaker “A must-read for every male leader! Tricia is candid about the difficult situations women experience and rarely share.”

—Jeffrey Tobias Halter, Corporate Gender Strategist & President, YWomen

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

*Methods for the Determination of Metals in Environmental Samples* presents a detailed description of 13 analytical methods covering 35 analytes that may be present in a variety of sample types. The methods involve a wide range of analytical instrumentation including inductively coupled plasma (ICP)/atomic emission spectroscopy (AES), ICP/mass spectroscopy (MS), atomic absorption (AA) spectroscopy, ion chromatography (IC), and high performance liquid chromatography

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(HPLC). The application of these techniques to such a diverse group of sample types is a unique feature of this book. Sample types include waters ranging from drinking water to marine water, in addition to industrial and municipal wastewater, groundwater, and landfill leachate. The book also includes methods that will accommodate biological tissues, sediments, and soils. Methods in this book can be used in several regulatory programs because of their applicability to many sample types. For example, ICP/AES, ICP/MS, and AA methods can be used in drinking water and permit programs. Methods applicable to marine and estuarine waters can be used for the EPA's National Estuary Program. Terminology is consistent throughout the book, an important feature especially for the quality control sections where standardized terminology is not yet available. Methods for the Determination of Metals in Environmental Samples is an indispensable methods guide for all environmental labs, wastewater labs, drinking water labs, lab managers, consultants, and groundwater engineers.

The book deals with the full range of waste management issues, including recycling and recovery of materials and design considerations for waste minimisation. In addition, the book also contains a wide variety of illustrative case studies. With detailed and comprehensive coverage of the subject matter, an extensive bibliography is provided

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with each chapter. Electronic Waste Management is essential reading for all involved with electrical and electronic waste management through its comprehensive review of recent EU legislation and the subsequent impact on manufacturers and users of electronic equipment.

TMS 2014 143rd Annual Meeting & Exhibition, Annual Meeting Supplemental Proceedings Springer This comprehensive resource is published on an annual basis, and is considered the earliest Government publication to furnish estimates covering nonfuel mineral industry data for the United States and worldwide. Each chapter of this 2015 edition includes information on events, trends, and issues for each mineral commodity as well as discussions and tabular presentations, including data sheets on domestic industry structure, Government programs, tariffs, 5-year salient statistics, and world production and resources for more than 90 minerals and materials. The Mineral Commodity Summaries (MCS) is the earliest comprehensive source of 2014 mineral production data for the world. More than 90 individual minerals and materials are covered by two-page synopses. For mineral commodities for which there is a Government stockpile, detailed information concerning the stockpile status is also included in the two-page synopsis. Abbreviations and units of measure, and definitions of selected terms used in the report, are in Appendix A and Appendix B,

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respectively. "Appendix C--Reserves and Resources" includes "Part A--Resource/Reserve Classification for Minerals" and "Part B--Sources of Reserves Data." A directory of USGS minerals information country specialists and their responsibilities is Appendix D. Numerous charts and tables representing United States domestic and worldwide resources are contained within this volume for each mineral to provide a method for quick finding of the information related to a specific mineral. In year 2014, 12 states each produced more than \$2 billion worth of nonfuel mineral commodities. These States include --Arizona, Nevada, Minnesota, Texas, Utah, California, Alaska, Florida, Missouri, Michigan, Wyoming, and Colorado. Global commodity traders, economists, construction industry engineering executives, geologists, mining engineers, and statisticians my highly desire the information contained in this annual resource. It is highly recommended that academic libraries with geology and mining engineering programs, special libraries within these fields, and public libraries place an updated annual copy of this primary source work in their business/economic and reference collections. These papers present advancements in all aspects of high temperature electrochemistry, from the fundamental to the empirical and from the theoretical to the applied. Topics involving the application of electrochemistry to the nuclear fuel cycle, chemical

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sensors, energy storage, materials synthesis, refractory metals and their alloys, and alkali and alkaline earth metals are included. Also included are papers that discuss various technical, economic, and environmental issues associated with plant operations and industrial practices.

This Book of Abstracts is the main publication of the 65th Annual Meeting of the European Federation for Animal Science 2014 in Copenhagen, Denmark. It contains abstracts of the invited papers and contributed presentations. The meeting addressed subjects relating to science and innovation. Important problems were also discussed during the sessions of EAAP's nine Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems.

This illustrated A-Z guide covers more than 700 country music artists, groups, and bands. Articles also cover specific genres within country music as well as instruments used. Written in a lively, engaging style, the entries not only outline the careers of country music's greatest artists, they provide an understanding of the artist's importance or failings, and a feeling for his or her style. Select discographies are provided at the end of each entry, while a bibliography and indexes by instrument, musical style, genre, and song title round out the

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work. For a full list of entries, a generous selection of sample entries, and more, visit the Country Music: A Biographical Dictionary website.

This book contains a selection of refereed papers presented at the "International Conference on Operations Research (OR 2014)", which took place at RWTH Aachen University, Germany, September 2-5, 2014. More than 800 scientists and students from 47 countries attended OR 2014 and presented more than 500 papers in parallel topical streams, as well as special award sessions. The theme of the conference and its proceedings is "Business Analytics and Optimization".

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