

Contact

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Digital Contact Tracing for Pandemic Response

Jeffrey P. Kahn 2020-05-29 Contributors: Joseph Ali, JD; Anne Barnhill, PhD; Anita Cicero, JD; Katelyn Esmonde, PhD; Amelia Hood, MA; Brian Hutler, PhD, JD; Jeffrey P. Kahn, PhD, MPH; Alan Regenberg, MBE; Crystal Watson, DrPH, MPH; Matthew Watson; Robert Califf, MD, MACC; Ruth Faden, PhD, MPH; Divya Hosangadi, MSPH; Nancy Kass, ScD; Alain Labrique, PhD, MHS, MS; Deven McGraw, JD, MPH, LLM; Michelle Mello, JD, PhD; Michael Parker, BEd (Hons), MA, PhD; Stephen Ruckman, JD, MSc, MAR; Lainie Rutkow, JD, MPH, PhD; Josh Sharfstein, MD; Jeremy Sugarman, MD, MPH, MA; Eric Toner, MD; Mar Trotochaud, MSPH; Effy Vayena, PhD; Tal Zarsky, JSD, LLM, LLB

Contact Improvisation Cheryl Pallant 2006-07-05 "In this book the author draws upon her own experience and research to explain the art of contact improvisation, in which dance partners propel movement by physical contact. The text begins with a history, then describes the elements that define this form of dance"--Provided by publisher.

Points of Contact Nick Posegay 2021-12-06

Languages and Cultures in Contact Karel van Lerberghe 1999 This volume contains 33 papers presented at the 42th Rencontre Assyriologique Internationale held at the University of Leuven in

July 1995. The main purpose of the conference on Languages and Cultures in Contact was to focus on contacts and exchanges between the various cultures in the Syro-Mesopotamian realm by re-evaluating the geographical limits of 'Mesopotamian' civilization to include the Upper- and Middle-Euphrates regions of Syria. These proceedings cover areas of research in the fields of philology, archaeology and history alike. They bring together essays on a great number of topics, including comparative linguistics, the spread of literacy and administrative practices, cultural exchanges, diffusion and acculturation. Finally the book contains reports on current excavations and surveys in the Ancient Near East.

Second Contact J. D. Austin 2001 When attempts to seek contact with the alien paradise planet of Kivlan are rebuffed with missiles, Earth forces send Matt Wiener to make friends with a reluctant extraterrestrial civilization. Original.

Cultures in Contact Stephen Bochner 2016-07-01 International Series in Experimental Social Psychology, Volume I: Culture in Contact: Studies in Cross-Cultural Interaction is part of a series of books that presents development in the field of social psychology; each volume contains materials such as empirical research, research procedures, theoretical formulations, and critical reviews of the relevant literature. This particular volume covers

the processes and outcomes of cross cultural encounters. The book consists of eight chapters, which are organized into three parts. Part I discusses various types and purposes of cross-cultural contact and reviews the major empirical findings relating to the field. Part II deals with the processes underlying effective communication between culturally diverse persons. Part III concerns itself with practical outcomes of culture contact, such as the reactions of the persons engaged in the meeting. The text will be of great interest to researchers and professionals concerned with the nature of cross-cultural interactions, such as sociologists and social psychologists.

Contacts Mark Watson 2020-10-29 One man's last journey. One hundred and fifty-eight chances to save his life. The unforgettable new book from award-winning writer and comedian Mark Watson!

Food Contact Materials and Articles, Printing Inks Nordic Council of Ministers 2012-05-01 In-house control and the documentation of it is the basis for the assurance of compliance with legislation, in the food area and in the area of food contact materials (FCM). Safe use of FCM is a complicated area, in general, and specifically the use of printing inks and the critical points in the printing process. One of the goals for this check list is to contribute to the development of more uniform control and requirements for in-house control. Printing inks used in FCM are regulated by these general requirements and some uses are addressed more specifically, and as there is no specific legislation in the area in EU yet. In-house documentation is based on the assumption, that each link in the supply chain ensures compliance. The check lists set a frame with minimum requirements to all relevant links in the supply chain from producers to food industry and trade. The check lists are guidance to industry and trade in order to ensure compliance with the requirements in the FCM.

Atti del Workshop IGF - Rolling contact fatigue: applications and developments Stefano Beretta 2002-11-01

Emergency Contact Mary H. K. Choi 2019-04-09
"Smart and funny, with characters so real and vulnerable, you want to send them care packages. I loved this book." —Rainbow Rowell From debut author Mary H.K. Choi comes a compulsively readable novel that shows young love in all its awkward glory—perfect for fans of *Eleanor & Park* and *To All the Boys I've Loved Before*. For Penny Lee, high school was a total nonevent. Her friends were okay, her grades were fine, and while she'd somehow landed a boyfriend, they never managed to know much about each other. Now Penny is heading to college in Austin, Texas, to learn how to become a writer. It's seventy-nine miles and a zillion light years away from everything she can't wait to leave behind. Sam's stuck. Literally, figuratively, emotionally, financially. He works at a café and sleeps there too, on a mattress on the floor of an empty storage room upstairs. He knows that this is the god-awful chapter of his life that will serve as inspiration for when he's a famous movie director but right this second the seventeen bucks in his checking account and his dying laptop are really testing him. When Sam and Penny cross paths it's less meet-cute and more a collision of unbearable awkwardness. Still, they swap numbers and stay in touch—via text—and soon become digitally inseparable, sharing their deepest anxieties and secret dreams without the humiliating weirdness of having to, you know, see each other.

Language Contact Ernst Håkon Jahr 1992 The series publishes state-of-the-art work on core areas of linguistics across theoretical frameworks as well as studies that provide new insights by building bridges to neighbouring fields such as neuroscience and cognitive science. The series considers itself a forum for cutting-edge research based on solid empirical data on language in its various manifestations, including sign languages. It regards linguistic variation in its synchronic and diachronic dimensions as well as in its social contexts as important sources of insight for a better understanding of the design of linguistic systems

and the ecology and evolution of language.

Three-Dimensional Contact Problems A.M.

Alexandrov 2001-11-30 A systematic treatment, based on Green's functions and integral equations, is given to the analytical and numerical methods and results for a great number of 3-D contact problems for elastic bodies. Semi-bounded elastic bodies (layer, cylinder, space with cylindrical or spherical cavity, 3-D wedge, special cases of which are half- and quarter-spaces, cone) and finite elastic bodies (circular plate, finite cylinder, spherical layer, spherical lens, sphere) are considered. Methods introduced in the book can also be applied in fracture mechanics, hydrodynamics, electrostatics, thermodynamics and diffusion theory, continuum mechanics, and mathematical physics, as well as by engineers and students in mathematics, mechanics, and physics.

Uzbekistan Export-Import and Business Directory Volume 1 Strategic Information and Contacts IBP, Inc. 2007-02-07 2011 Updated Reprint. Updated Annually. Uzbekistan Export-Import Trade and Business Directory

Advances in Intergroup Contact Gordon Hodson 2012 Intergroup contact remains one of the most effective means to reduce prejudice and conflict between groups. The past decade has witnessed a dramatic resurgence of interest in this time-tested phenomenon, with researchers now focusing on understanding when, why, and for whom contact does (and does not) work. This new volume focuses on one of the hottest topics in the social sciences: prejudice. Covering not only basic principles but cutting-edge findings and theoretical directions, key questions surrounding this subject are addressed, such as: how perceptions of other groups lead to anxiety and avoidance; how cross-group contact influences the development of prejudice in children; whether highly-prejudiced people benefit from contact; how status and power influence the effectiveness of contact. In addition to exploring methodological challenges facing contact researchers, attention is devoted to prejudice

interventions that are rooted in our understanding of contact effects. These range from zero-acquaintance contact to intimate cross-group friendships, and even involve simulated contact experiences. This volume draws together world-renowned experts in prejudice and intergroup contact to provide a long-awaited update on the state of affairs in intergroup contact research. As well as synthesizing and integrating the key topics, it also provides possible new directions for future research. Given the prominence of contact as a powerful prejudice-reduction tool, this book is a must-read for students and scholars of social psychology and sociology, as well as policy-makers and practitioners.

Contact Carl Sagan 1997 In 1999, a multinational team of astronauts ventures deep into outer space, where they come face to face with an advanced alien civilization, in a tie-in to the new blockbuster film. Reissue. Movie tie-in.

Contact Lens: Fitting Guide Ajay Kumar Bhootra 2014-01-30 This book is a concise guide to contact lens fitting for optometrists and trainees. Beginning with an introduction to contact lenses and the pre-contact lens fitting eye examination, making sure a patient is suitable for wearing contact lenses, the following chapters describe the fitting of different types of corrective lens – soft, toric and rigid gas permeable. Separate chapters examine the use of therapeutic contact lenses, used to protect the eye whilst it heals after injury or infection, rather than to correct vision; and lenses for presbyopia, age-related long-sightedness. Key points Concise guide to contact lens fitting for optometrists and trainees Detailed discussion on pre-contact lens fitting eye exam and patient suitability Describes various types of corrective lenses Includes chapters on therapeutic lenses and contact lenses for presbyopia

Extraterrestrial Contact Kathleen Marden 2019-09 The essential handbook for people who have experienced alien contact and those who love them. It has been 20 years since the publication of How to Defend Yourself Against Alien Abduction by Ann

Druffel. This new book by UFO researcher Kathleen Marden is the handbook for this generation. It is the essential reference guide for those who have experienced contact with nonhuman intelligent entities, families and friends of those "experiencers," and anyone interested in alien abduction/contact and UFOs. The ten chapters in this book are based on years of research and access to the files of MUFON and FREE. Chapters include: Understanding Modern Contact Am I an Abductee, a Contactee, or an Experiencer? How to Investigate Your Contact Experiences What Social Researchers Know about Contact When You Discover That It Isn't ET: Ghosts and Paranormal Phenomena When You Want It to Stop: Coping Strategies and Resistance Techniques Wide-ranging, informative, and helpful, this is a book that will find a place as an essential component of anyone fascinated by visitations from other worlds.

Contact Problems for Soft, Biological and Bioinspired

Materials Feodor M. Borodich 2022-04-22 This book contains contributions from leading researchers in biomechanics, nanomechanics, tribology, contact mechanics, materials science and applications on various experimental techniques including atomic force microscopy (AFM) for studying soft, biomimetic and biological materials and objects. Biologists, physicists, researchers applying methods of contact mechanics and researchers testing materials using indentation techniques along with many other applied scientists will find this book a useful addition to their libraries. Moreover, several reviews in this book are written as introductions to several important and rather sophisticated research areas such as depth-sensing indentation, studying of biological cells by AFM probes, mechanics of adhesive contact and contact between viscoelastic (hereditary elastic) solids. The book containing new theoretical models, results of experimental studies and numerical simulations, along with reviews of above mentioned areas of contact mechanics in application to biological systems, would be beneficial for researchers in many areas of biology, medicine,

engineering, mechanics and biomimetics.

Illegal Contact Santino Hassell 2017-08-15 The rules of the game don't apply off the field in this first Barons novel. New York Barons tight end Gavin Brawley is suspended from the team and on house arrest after a video of him brawling goes viral. Gavin already has a reputation as a jerk with a temper on and off the field—which doesn't help him once he finds himself on the wrong side of the law. And while he's been successful professionally, he's never been lucky when it comes to love. Noah Monroe is a recent college grad looking for a job—any job—to pay off his mounting student debt. Working as Gavin's personal assistant/babysitter seems like easy money. But Noah isn't prepared for the electrifying tension between him and the football player. He's not sure if he'd rather argue with Gavin or tackle him to the floor. But both men know the score, and neither is sure what will happen once Gavin's timeout is over...

Thermal Contact Conductance Chakravarti V.

Madhusudana 2013-09-24 The work covers both theoretical and practical aspects of thermal contact conductance. The theoretical discussion focuses on heat transfer through spots, joints, and surfaces, as well as the role of interstitial materials (both planned and inadvertent). The practical discussion includes formulae and data that can be used in designing heat-transfer equipment for a variety of joints, including special geometries and configurations. All of the material has been updated to reflect the latest advances in the field.

Electrical Contacts Milenko Braunovic 2017-12-19

Various factors affect the performance of electrical contacts, including tribological, mechanical, electrical, and materials aspects. Although these behaviors have been studied for many years, they are not widely used or understood in practice. Combining approaches used across the globe, **Electrical Contacts: Fundamentals, Applications, and Technology** integrates advances in research and development in the tribological, material, and analytical aspects of electrical contacts with new

data on electrical current transfer at the micro- and nanoscales. Taking an application-oriented approach, the authors illustrate how material characteristics, tribological behavior, and loading impact the degradation of contacts, formation of intermetallics, and overall reliability and performance. Coverage is divided broadly into three sections, with the first focused on mechanics, tribology, materials, current and heat transfer, and basic reliability issues of electrical contacts. The next section explores applications, such as power connections, electronic connections, and sliding contacts, while the final section presents the diagnostic and monitoring techniques used to investigate and measure phenomena occurring at electrical contact interfaces. Numerous references to current literature reflect the fact that this book is the most comprehensive survey in the field. Explore an impressive collection of data, theory, and practical applications in *Electrical Contacts: Fundamentals, Applications, and Technology*, a critical tool for anyone investigating or designing electrical equipment with improved performance and reliability in mind.

Empowered: Hero Dale Ivan Smith 2020-05-22

When happens when millions of people suddenly possess superpowers? Mathilda Brandt thought she'd protected her family and freed the world, instead she's unleashed forces that threaten to destroy both. She rescued her Empowered mother from RAMPART, but now her mother wants Mat to choose sides-- Empowered over normal humans. Her sister Ava is missing. Governments begin rounding up the newly Empowered, while other Empowered want to end the threat from normals once and for all. With her own power suddenly erratic, and her connection to Gaia in jeopardy, how can Mat save those she loves and prevent the world from destroying itself? *Empowered: Hero* is the fifth and final book in Dale Ivan Smith's *The Empowered* series.

Contact & Occupational Dermatology James G. Marks 2002 The revised and updated New Edition

of this practical guide provides comprehensive, yet concise, coverage of the diagnosis and management of suspected contact and occupational dermatitis-- from the basic principles of allergic and irritant contact dermatitis*to data collection, patient evaluation, and monitoring. Readers will find detailed discussions on patch testing, allergens, occupational skin disease, contact urticaria, contact dermatitis, and more. With a brand-new co-author, information on new antigens, and a substantially revised chapter that serves as a mini-atlas of regional contact dermatitis, this trusted resource offers complete, expert guidance--page after page! Offers a new atlas format in the *Regional Contact Dermatitis* chapter, which matches color clinical photographs with suggested allergens for testing based on the location of the dermatitis Features new coverage of textile dermatitis, with appropriate avoidance measures for glove and shoe allergic contact dermatitis Explores all relevant issues surrounding patch testing, including patient history, distribution of the dermatitis, and occupation. Makes patient education easier with allergen exposure lists designed to be photocopied and handed out. Includes new antigens on the exposure lists such as benzyl alcohol, iodopropynyl butylcarbamate, disperse blue 106, and ethylene urea/melamine formaldehyde resin. Employs a concise, practical approach that makes the New Edition appropriate for a wide range of medical practitioners.

Boundaries and Bridges Kofi Yakpo 2017-06-26

Multidirectional language contact involving more than two languages is little described. However, it probably represents the most common type of contact in the world, where colonization, rapid socioeconomic and demographic change, and society-wide multilingualism have led to dramatic linguistic change. This book presents fascinating cases of multidirectional contact and convergence between highly diverse languages in an emerging linguistic area in Suriname and the Guianas and proposes a framework for comparable studies.

Hungarian Language Contact Outside Hungary

Anna Fenyvesi 2005-06-09 In Communist times, it was impossible to do sociolinguistic work on Hungarian in contact with other languages. In the short period of time since the collapse of the Soviet bloc, Hungarian sociolinguists have certainly done their very best to catch up. This volume brings together the fruits of their work, some of which was hitherto only available in Hungarian. The reader will find a wealth of information on many bilingual communities involving Hungarian as a minority language. The communities covered in the book are located in countries neighboring Hungary (Austria, Serbia, Slovakia, Slovenia, Romania and Ukraine) as well as overseas (in Australia and the United States). Several of the chapters discuss material derived from the Sociolinguistics of Hungarian Outside Hungary project. Throughout the book, the emphasis is on how the language use of Hungarian minority speakers has been influenced by the majority or contact language, both on a sociolinguistic macro-level as well as on the micro-level. In the search for explanations, particular attention is given to typological aspects of language change under the conditions of language contact.

Intercultural Contact, Language Learning and Migration Barbara Geraghty 2016-01-28 At the heart of this volume lies an exploration of what actually happens to languages and their users when cultures come into contact. What actions do supra-national institutions, nation states, communities and individuals take in response to questions raised by the increasingly diverse forms of migration experienced in a globalized world? The volume reveals the profound impact that decisions made at national and international level can have on the lives of the individual migrant, language student, or speech community. Equally, it evaluates the broader ramifications of actions taken by migrant communities and individual language learners around issues of language learning, language maintenance and intercultural contact. Reflecting Jan Blommaert's assertion that in a world shaped by

globalization, what is needed is 'a theory of language in society... of changing language in a changing society', this volume argues that researchers must increasingly seek diverse methodological approaches if they are to do justice to the diversity of experience and response they encounter.

Accentual Change and Language Contact Joe Salmons 2003-08-29 The author presents an original proposal for a shared Celtic-Germanic accentual system, which has fundamental implications for Proto-Germanic.

Contact Carl Sagan 2016-12-20 Pulitzer Prize-winning author and astronomer Carl Sagan imagines the greatest adventure of all—the discovery of an advanced civilization in the depths of space. In December of 1999, a multinational team journeys out to the stars, to the most awesome encounter in human history. Who—or what—is out there? In *Cosmos*, Carl Sagan explained the universe. In *Contact*, he predicts its future—and our own.

The Oxford Handbook of Language Contact Anthony P. Grant 2020-01-10 Every language has been influenced in some way by other languages. In many cases, this influence is reflected in words which have been absorbed from other languages as the names for newer items or ideas, such as perestroika, manga, or intifada (from Russian, Japanese, and Arabic respectively). In other cases, the influence of other languages goes deeper, and includes the addition of new sounds, grammatical forms, and idioms to the pre-existing language. For example, English's structure has been shaped in such a way by the effects of Norse, French, Latin, and Celtic--though English is not alone in its openness to these influences. Any features can potentially be transferred from one language to another if the sociolinguistic and structural circumstances allow for it. Further, new languages--pidgins, creoles, and mixed languages--can come into being as the result of language contact. In thirty-three chapters, *The Oxford Handbook of Language Contact* examines the various forms of

contact-induced linguistic change and the levels of language which have provided instances of these influences. In addition, it provides accounts of how language contact has affected some twenty languages, spoken and signed, from all parts of the world. Chapters are written by experts and native-speakers from years of research and fieldwork. Ultimately, this Handbook provides an authoritative account of the possibilities and products of contact-induced linguistic change.

Perpetual Contact James E. Katz 2002-03-21 The spread of mobile communication, most obtrusively as cell phones but increasingly in other wireless devices, is affecting people's lives and relationships to a previously unthought-of extent. Mobile phones, which are fast becoming ubiquitous, affect either directly or indirectly every aspect of our personal and professional lives. They have transformed social practices and changed the way we do business, yet surprisingly little serious academic work has been done on them. This 2002 book, with contributions from the foremost researchers in the field, studies the impact of the mobile phone on contemporary society from a social scientific perspective. Providing a comprehensive overview of mobile phones and social interaction, it comprises an introduction covering the key issues, a series of unique national studies and a final section examining specific issues.

Intergroup Contact Theory Loris Vezzali 2016-12-08 Intergroup contact theory has been one of the most influential theories in social psychology since it was first formulated by Gordon Allport in 1954. This volume highlights, via a critical lens, the most notable recent developments in the field, demonstrating its vitality and its capacity for reinvention and integration with a variety of seemingly distinct research areas. In the last two decades, the research focus has been on the variables that explain why contact improves intergroup attitudes and when the contact-prejudice relationship is stronger. Current research highlights that contact is not a panacea for prejudice, but it can

represent a useful tool that can contribute to the improvement of intergroup relations. The book includes coverage of a number of previously under-researched fields, which extend the full potential of contact theory within the personality, acculturation and developmental domains. The chapters also examine the methodological advances in the field and the applied implications. The book offers a rich picture of the state of the field and future directions for research that will be invaluable to students and scholars working in social psychology and related disciplines. It aims to provide fertile ground for the development of new, exciting and dynamic research ideas in intergroup relations.

Mechatronic Modeling of Real-Time Wheel-Rail Contact Nicola Bosso 2013-03-15 Real-time simulations of the behaviour of a rail vehicle require realistic solutions of the wheel-rail contact problem which can work in a real-time mode. Examples of such solutions for the online mode have been well known and are implemented within standard and commercial tools for the simulation codes for rail vehicle dynamics. This book is the result of the research activities carried out by the Railway Technology Lab of the Department of Mechanical and Aerospace Engineering at Politecnico di Torino. This book presents work on the project for the development of a real-time wheel-rail contact model and provides the simulation results obtained with dSpace real-time hardware. Besides this, the implementation of the contact model for the development of a real-time model for the complex mechatronic system of a scaled test rig is presented in this book and may be useful for the further validation of the real-time contact model with experiments on a full scale test rig.

Contact.com Michael Kingsbury 2015-03-24 To be like this. All the swagger and front, deals and deadlines, and keep you head down and your mouth shut might just one day bring him nearer to this. Different worlds. Matthew and Naomi await the arrival of Ryan and Kelly. They'll meet for one

night of unlimited pleasure, then part, that's the agreement, that's the plan . . . but can they stick to it? Contact.com is a taut drama of sexual and class politics, first performed at the Park Theatre, London, in January 2015.

Spirit Guide Contact Through Hypnosis Bruce Goldberg 2005-01-01 Contacting spirit guides is as old as civilization itself. Shamans dating back to at least 50,000 B.C. ritualistically contacted nonphysical entities. The Mystery Schools of Ancient Egypt, Greece, Persia, Rome, and India also dealt with contacting spirit guides. Every major religion acknowledges the reality of discarnate entities or spirits, whether they are called saints, angels, the Holy Spirit, and so on. One of the purposes of this book is to demystify this process. The media's depiction of spirit contact has led to the false assumption that anyone who establishes this contact must be in great danger. In reality, this communication is natural, relatively simple, and a wonderful growth experience. Spirit communication removes the fear of death and bereavement, and results in a form of spiritual empowerment. Contacting your spirit guides can help us: Develop your intuition and other psychic abilities. Increase your ability to love yourself and others. Become more aware of the workings of the universe. Establish better contact with your own Masters and Guides and Higher Self to facilitate your own spiritual evolution. Protect you from negative entities and/or other forces in the universe. Access the wisdom of the ancients. Establish and maintain your own physical, mental, emotional, and spiritual health. Overcome bad habits and fears. Eliminate the fear of death. See into the future. Master the art of out-of-body experiences. Learn your true karmic purpose. Spirit Guide Contact Through Hypnosis includes free audio companion downloads.

Hittite Texts and Greek Religion Ian Rutherford 2020-08-06 Our knowledge of ancient Greek religion has been transformed in the last century by an increased understanding of the cultures of the

Ancient Near East. Using preserved cuneiform texts, this book explores cases of contact or influence between Ancient Greece and the Hittites to further our understanding of the complex history of religious practices.

Interviewer's Aid for VD Contact Investigation United States. Navy Department. Bureau of Medicine and Surgery 1948

Electric Contacts Ragnar Holm 2013-06-29 This book is a completely revised and rewritten edition of "Electric Contacts Handbook" published in 1958. A large number of new investigations are considered, and many of the basic theories are revised in detail and even in general. The body of information had to be limited as it was not advisable to increase the volume of the book. In particular, no attempt was made to cover all of the practical applications. They appear as examples following concentrated explanations of basic phenomena. As in several branches of technology, the solutions of problems arising in the field of electric contacts involve insight into various disciplines of physics. It is felt that reviews of some of those topics, especially adapted to electric contact phenomena, are welcome to many readers. For example, chapters have been devoted to the structure of carbon, the band theory of electric conduction in solids, certain problems in statistics, and the theory of the electric arc. As regards arc problems, new ideas have been introduced. In order to make the main text less cumbersome, such reviews are presented as appendices. Throughout this edition, the mksa-unit system is used in accord with the latest recommendation for standardization of units in scientific and technical writings. The chapter "History of Early Investigations on Contacts" forming Part IV in the preceding edition of 1958 has not been repeated in this book.

Contact Carl Sagan 2019-02-26 The Pulitzer Prize-winning author of *Cosmos* and renowned astronomer Carl Sagan's international bestseller about the discovery of an advanced civilization in the depths of space remains the "greatest adventure

of all time” (Associated Press). The future is here...in an adventure of cosmic dimension. When a signal is discovered that seems to come from far beyond our solar system, a multinational team of scientists decides to find the source. What follows is an eye-opening journey out to the stars to the most awesome encounter in human history. Who—or what—is out there? Why are they watching us? And what do they want with us? One of the best science fiction novels about communication with extraterrestrial intelligent beings, *Contact* is a “stunning and satisfying” (Los Angeles Times) classic.

Contact Angle, Wettability and Adhesion Kash L. Mittal 2009-09-30 The topic of wettability (measured in terms of contact angle) is of tremendous interest from both fundamental and applied points of view, Wettability plays an essential role in many industrial processes, so an understanding of factors dictating wettability and how to modulate it is of paramount importance. In the last years there has been an explosive interest in superhydrophobic surfaces (i.e., surfaces with water contact angle of 150° or higher) because of their relevance/importance in many areas ranging from self-cleaning windows to nanofluidics. Also recently there has been heightened activity in the field of electrowetting. *Contact Angle, Wettability and Adhesion, Volume 6* is divided into four parts: Part 1: Fundamental Aspects; Part 2: Wettability Control/Modification; Part 3: Superhydrophobic Surfaces; and Part 4: Surface Free Energy and Relevance of Wettability in Adhesion. The topics covered include: a guide to the equilibrium contact angles maze: fundamental aspects of wetting of rough and chemically heterogeneous surfaces: work

of adhesion for rock-oil-brine systems; Is the world basic?; wettability control/modification using various approaches; superhydrophobic surfaces and ways to impart superhydrophobicity; adsorption on superhydrophobic surfaces; solid surface energy determination; surface modification of different materials; relevance of wettability and adhesion aspects in a variety of reinforced composites. In essence, this volume reflects the cumulative wisdom of many active and renowned researchers and provides a commentary on contemporary research in the fascinating world of contact angles and wettability. This volume and its predecessors (5 volumes), containing bountiful information, will be of much value to anyone interested/involved in controlling wetting phenomena and their applications.

Language Contact Yaron Matras 2009-09-10 Most societies in today's world are multilingual. 'Language contact' occurs when speakers of different languages interact and their languages influence each other. This book is an introduction to the subject, covering individual and societal multilingualism, the acquisition of two or more languages from birth, second language acquisition in adulthood, language change, linguistic typology, language processing and the structure of the language faculty. It explains the effects of multilingualism on society and language policy, as well as the consequences that long-term bilingualism within communities can have for the structure of languages. Drawing on the author's own first-hand observations of child and adult bilingualism, the book provides a clear analysis of such phenomena as language convergence, grammatical borrowing, and mixed languages.