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Recent Advances in Transthyretin Evolution, Structure and Biological Functions Samantha J. Richardson 2009-08-09 Since its †rst description in 1942 in both serum and cerebrospinal †uid, transthyretin (TTR) has had an eventful history, including changes in name from ‐prealbumin‐ to ‐thyroxine-binding prealbumin‐ to ‐transthyretin‐ as knowledge increased about its functions. TTR is synthesised in a wide range of tissues in humans and other eutherian mammals: the liver, choroid plexus (blood- cerebrospinal †uid barrier), retinal pigment epithelium of the eye, pancreas, intestine and meninges. However, its sites of synthesis are more restricted in other vertebrates. This implies that the number of tissues synthesising TTR during vertebrate evolution has increased, and raises questions about the selection pressures governing TTR synthesis. TTR is most widely known as a distributor of thyroid hormones. In addition, TTR binds retinol-binding protein, which binds retinol. In this way, TTR is also involved with retinoid distribution. More recently, TTR has been demonstrated to bind a wide variety of endocrine disruptors including drugs, pollutants, industrial compounds, heavy metals, and some naturally occurring plant †avonoids. These not only interfere with thyroid hormone delivery in the body, but also transport such endocrine disruptors into the brain, where they have the potential to accumulate.

International Migration in Europe Corrado Bonifazi 2008 Literaturangaben

The Translation of European Union Legislation. A Corpus-based Study of Norms and Modality Francesca Seracini 2020-08-25T00:00:00+02:00 This volume is a study into the norms that come into play in the translation of European Union legislation. With a focus on expressions of modality, the study adopts a corpus-based Descriptive Translation Studies approach to analyse the translation strategies used in a bilingual English/Italian parallel corpus of European Union legislation and identify the most frequent translational patterns. The book outlines the principles at the basis of the multilingual policy at the European Union and provides a detailed outline of the context in which the drafting and translation processes take place as a key to understanding the translational choices. The impact of sometimes contrasting factors such as the conventions of legal drafting at the European Union and those within the target culture, the principle of equal authenticity and the attention to the quality and readability of legislative texts is revealed in the analysis. Evidence in support of the theories concerning translation universals is also found and their implications for EU legal translation are discussed. The results lead to the formulation of several hypotheses as regards the norms governing the translation of EU legislative texts. The book also reflects on the impact that the translational choices have on the development of European Union legal language as an independent variety. This volume will be of interest to researchers and students in the fields of Legal Translation Studies and Linguistics, as well as practising translators.

Robotics, Vision and Control Peter Corke 2011-09-05 The author has maintained two open-source MATLAB Toolboxes for more than 10 years: one for robotics and one for vision. The key strength of the Toolboxes provide a set of tools that allow the user to work with real problems, not trivial examples. For the student the book makes the algorithms accessible, the Toolbox code can be read to gain understanding, and the examples illustrate how it can be used –instant gratification in just a couple of lines of MATLAB code. The code can also be the starting point for new work, for researchers or students, by writing programs based on Toolbox functions, or modifying the Toolbox code itself. The purpose of this book is to expand on the tutorial material provided with the toolboxes, add many more examples, and to weave this into a narrative that covers robotics and computer vision separately and together. The author shows how complex problems can be decomposed and solved using just a few simple lines of code, and hopefully to inspire up and coming researchers. The topics covered are guided by the real problems observed over many years as a practitioner of both robotics and computer vision. It is written in a light but informative style, it is easy to read and absorb, and includes a lot of Matlab examples and figures. The book is a real walk through the fundamentals of robot kinematics, dynamics and joint level control, then camera models, image processing, feature extraction and epipolar geometry, and bring it all together in a visual servo system. Additional material is provided at http://www.petercorke.com/RVC

Andrea Palladio and the Architecture of Battle Guido Beltrami 2010 A previously unknown portrait of the Italian architect in the role of illustrator and theorist on the militia. Published here for the first time are Palladio's preparatory materials for an illustrated edition of Polybius' Histories alongside Palladio's material for his edition of Julius Caesar' Commentaries. (1575). Long thought to have been lost, his original Polybius has now been recomposed by drawing on three manuscript copies: the mock-up used by Palladio to plan the edition, rediscovered in the London British Library in 1977; a second copy found in Florence in 1986 and a third exemplar only very recently found in the New York Public Library. Here the reproductions of the 43 etchings for the Polybius have been accompanied by 42 etchings which Palladio dedicated to Caesar's deeds. This offers us a complete picture of his effort to reconstruct those excellent features of ancient warfare on which Palladio wished to base his own proposals for reforming the contemporary Venetian militia, as well as to give a different point of view on the history of architecture. The volume includes contributions from several scholars including: Stephen Parkin, Sara Mazzarino, Marco Formisano, Luciano Pezzolo, Claudio Povoio, and Paolo Fiore.

Archaeology of Culture Contact and Colonialism in Spanish and Portuguese America Pedro Paulo A. Funari 2014-11-11 The volume contributes to disrupt the old grand narrative of cultural contact and colonialism in Spanish and Portuguese America in a wide and complete sense. This edited volume aims at exploring contact archaeology in the modern era. Archaeology has been exploring the interaction of peoples and cultures from early times, but only in the last few decades have cultural contact and material world been recognized as crucial elements to understanding colonialism and the emergence of modernity. Modern colonialism studies pose questions in need of broader answers. This volume explores these answers in Spanish and Portuguese America, comprising present-day Latin America and formerly Spanish territories now part of the United States. The volume addresses studies of the particular features of Spanish-Portuguese colonialism, as well as the specificities of Iberian colonization, including hybridism, religious novelties, medieval and modern social features, all mixed in a variety of ways unique and so different from other areas, particularly the Anglo-Saxon colonial thrust. Cultural contact studies offer a particularly in-depth picture of the uniqueness of Latin America in terms of its cultural mixture. This volume particularly highlights local histories, revealing novelty, diversity, and creativity in the conformation of the new colonial realities, as well as presenting Latin America as a multicultural arena, with astonishing heterogeneity in thoughts, experiences, practices, and, material worlds.

General Catalogue of Printed Books to 1955 British Museum. Dept. of Printed Books 1967

Early Plays from the Italian Richard Warwick Bond 1911

Women Who Love Men Who Kill Sheila Isenberg 2021-10-19 The ‐engrossing, thoroughly researched look at women who are in romantic relationships with incarcerated men‐—fully updated with twenty-first-century cases (Publishers Weekly). In 1991, Sheila Isenberg's classic study *Women Who Love Men Who Kill* asked the provocative question, ‐Why do women fall in love with convicted murderers?‐ Now, Isenberg returns to the same question in the age of smart phones, social media, mass shootings, and modern prison dating. The result is a compelling psychological study of prison passion in the new millennium. Isenberg conducts extensive interviews with women who seek relationships with convicted killers, as well as conversations with psychiatrists, social workers, and prison officials. She shows that many of these women know exactly what they are getting into—yet they are willing to sacrifice everything for the sake of a love without hope, promise, or consummation. This edition of *Women Who Love Men Who Kill* includes gripping new case studies and an absorbing look at how the digital age is revolutionizing this phenomenon. Meet the young women writing ‐fan fiction‐ featuring America's most sadistic murderers; the killer serving consecutive life sentences for strangling his wife and smothering his toddler daughters—and the women who visit him in prison; the high-powered journalist who fell in love and risked it all for ‐Pharma Bro‐ Martin Shkreli; and many other women absorbed in online and real-life dalliances with their killer men.

Confronting the Past Vjeran Pavlaković 2012-09-01

Euro-Par 2009, Parallel Processing - Workshops Hai-Xiang Lin 2010-06-17 This book constitutes the workshops of the 15th International Conference on Parallel Computing, Euro-Par 2009, held in Delft, The Netherlands, in August 2009. These focus on advanced specialized topics in parallel and distributed computing and reflect new scientific and technological developments.

Raising Kanye Donda West 2007-05-08 As the mother of hip-hop superstar Kanye West, Donda West has watched her son grow from a brilliant baby boy with all the intimations of fame and fortune to one of the hottest rappers on the music scene. And she has every right to be proud: she raised her son with strong moral values, teaching him right from wrong and helping him become the man he is today. In *Raising Kanye*, Donda not only pays homage to her famous son but reflects on all the things she learned about being his mother along the way. Featuring never-before-seen photos and compelling personal anecdotes, Donda's powerful and inspiring memoir reveals everything from the difficulties she faced as a single mother in the African-American community to her later experiences as Kanye's manager as he rose to superstardom. Speaking frankly about her son's reputation as a ‐Mama's Boy,‐ and his memorable public outbursts about gay rights and President George W. Bush, Donda supports her son without exception, and here she shares the invaluable wisdom she has taken away from each experience -- passion, tolerance, patience, and above all, always telling the truth. Ultimately, she not only expresses what her famously talented son has meant to her but what he has meant to music and an entire generation.

The Big Book of Beastly Mispronunciations Charles Harrington Elster 2006 This guide to the most commonly mispronounced words in the English language is revised and expanded with one hundred new entries including words like al-Qaeda, machismo, curriculum vitae, and Pulitzer.

The Oxford Illustrated History of Italy George Holmes 2001 Traces the history of Italy from the Roman Empire to the present, and examines the connections between Italian society, politics, and culture.

Philosophical Aspects of Symbolic Reasoning in Early Modern Mathematics Albrecht Heeffer 2010 The novel use of symbolism in early modern mathematics poses both philosophical and historical questions. How can we trace its development and transmission through manuscript sources? Is it intrinsically related to the emergence of symbolic algebra? How does symbolism relate to the use of diagrams? What are the consequences of symbolic reasoning on our understanding of nature? Can a symbolic language enable new forms of reasoning? Does a universal symbolic language exist which enables us to express all knowledge? This book brings together a collection of papers that address all these and related questions ? which were initially posed on a conference held in Ghent (Belgium) in August 2009. Scholars working on philosophy of science, history of philosophy and history of mathematics provide an insight into the role and function of symbolic representations in the development of early modern mathematics. The papers cover the period from early abacco arithmetic and algebra (14th century) up to Leibniz (early 18th century).

Carbon Sequestration Potential of Agroforestry Systems B. Mohan Kumar 2011-08-05 Tree based production systems abound especially in the tropics. Despite the pervasiveness of such multipurpose ‐trees-outside-forest‐ resources, they have not attracted adequate attention in the development paradigms of many nation states. These multispecies production systems impact the ecosystem processes favourably. Yet, our understanding of the diversity attributes and carbon dynamics under agroforestry is not adequate. This book focuses on the role of multispecies production systems involving tree and crop species as a means for carbon sequestration and thereby reduce atmospheric carbon dioxide levels. Sixteen chapters organized into three broad sections titled: Measurement and Estimation, Agrobiodiversity and Tree Management, and Policy and Socioeconomic Aspects represent a cross section of the opportunities and challenges in current research and emerging issues in harnessing carbon sequestration potential of agroforestry systems.

The Volterra Chronicles Judith R. Goodstein 2007 The life of Vito Volterra, one of the finest scientists and mathematicians Italy ever produced, spans the period from the unification of the Italian peninsula in 1860 to the onset of the Second World War—an era of unparalleled progress and unprecedented turmoil in the history of Europe. Born into an Italian Jewish family in the year of the liberation of Italy's Jewish ghettos, Volterra was barely in his twenties when he made his name as a mathematician and took his place as a leading light in Italy's modern scientific renaissance. By his early forties, he was a world-renowned mathematician, a sought-after figure in European intellectual and social circles, the undisputed head of Italy's mathematics and physics school—and still living with his mother, who decided the time was ripe to arrange his marriage. When Italy entered World War I in 1915, the fifty-five-year-old Volterra served with distinction and verve as a lieutenant and did not put on civilian clothes again until the Armistice of 1918. This book, based in part on unpublished personal letters and interviews, traces the extraordinary life and times of one of Europe's foremost scientists and mathematicians, from his teenage struggles to avoid the stifling life of a ‐respectable‐ bank clerk in Florence, to his seminal mathematical work—which today influences fields as diverse as economics, physics, and ecology—and from his spirited support of Italy's scientific and democratic institutions during his years as an Italian Senator, to his steadfast defiance of the Fascists and Mussolini. In recounting the life of this outstanding scientist, European Jewish intellectual, committed Italian patriot, and devoted if frequently distracted family man, *The Volterra Chronicles* depicts a remarkable individual in a prodigious age and takes the reader on a vivid and splendidly detailed historical journey.

Money and Coinage in the Middle Ages Rory Naismith 2018 Money and Coinage in the Middle Ages presents an original and valuable set of studies into aspects of a critical but challenging category of material.

The Migration Conference 2019 - Book of Abstracts and Programme Fethiye Tilbe 2019-06-08 We're pleased to welcome you to the Department of Political Science at the University of Bari ‐Aldo Moro‐ for the 7th Migration Conference. The conference is the largest scholarly gathering on migration with a global scope. Human mobility, economics, work, employment, integration, insecurity, diversity and minorities, as well as spatial patterns, culture, arts and legal and political aspects appear to be key areas in the current migration debates and research. Throughout the program of the Migration Conference you will find various key thematic areas covered in 598 presentations by 767 contributors coming from all around the world, from Australia to Canada, China to Colombia, Brazil to Korea, and South Africa to Norway. We are proud to bring together experts from universities, independent research organisations, governments, NGOs and the media. We are also proud to bring you opportunities to meet with some of the leading scholars in the field. This year invited speakers include Fiona B. Adamson, Markus Kotzur, Philip L. Martin, Karsten Paerregaard, Ferruccio Pastore, Martin Ruhs, Jeffrey H. Cohen, and Carlos Vargas Silva. Although the main language of the conference is English, this year we will have linguistic diversity as usual and there will be presentations in French, Italian, Spanish and Turkish. We have maintained over the years a frank and friendly environment where constructive criticism foster scholarship, while being nice improves networks and quality of the event. We hope to continue with this tradition and you will enjoy the Conference and Bari during your stay. We thank all participants, invited speakers and conference committees for their efforts and contribution. We also thank many colleagues who were interested in and submitted abstracts but could not make it this year. We are particularly grateful to hundreds of colleagues who served as reviewers and helped the selection process. We also thank to those colleagues who organised panels and agreed to chair parallel sessions over three days. We reserve our final thanks to the team of volunteers whose contributions have been essential to the success of the conference. In this regard, special thanks are reserved

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for our volunteers and team leaders Rosa, Alda, Franco, and Aldo from the University of Bari, Tuncay and Fatma from Regent's University London, Fethiye from Namik Kemal University and Vildan from Galatasaray University, Ege from Middle East Technical University, Mehari from Regent's University London, and Gizem from Transnational Press London. Our final thanks are reserved for the leaders of the University of Bari ‐Aldo Moro‐ and the Department of Political Science, President of Puglia Regional Administration and Mayor of City of Bari for hosting the Conference and for their generous support in enriching the Conference programme. Please do not hesitate to get in touch with us through the conference email (migrationscholar@gmail.com). Ibrahim Sirkeci and Michela C. Pellicani The Migration Conference Chairs The Migration Conference 2019 The Migration Conference is a global venue for academics, policy makers, practitioners, students and everybody who is interested in intelligent debate and research informed discussions on human mobility and its impacts around the world. The Migration Conference 2019 is the 7th conference in the series and co-organised and hosted by the University of Bari ‐Aldo Moro‐, Italy and Transnational Press London. The Migration Conferences were launched at the Regent's Centre for Transnational Studies in 2012 when the first large scale well attended international peer-reviewed conference with a focus on Turkish migration in Europe in Regent's Park campus of Regent's University London. The migration conferences have been attended by thousands of participants coming from all around the world in London (2012), London (2014), Prague (2015), Vienna (2016), Athens (2017), Lisbon (2018), and Bari (2019).

Global Risk Governance Ortwin Renn 2008-12-18 The establishment of the International Risk Governance Council (IRGC) was the direct result of widespread concern that the complexity and interdependence of health, environmental, and technological risks facing the world was making the development and implementation of adequate risk governance strategies ever more difficult. This volume details the IRGC developed and proposed framework for risk governance and covers how it was peer reviewed as well as tested

New Perspectives on Lexical Borrowing Eline Zenner 2013-11-27 This volume aims to broaden the focus of existing loanword research, which has mainly been conducted from a systemic and structuralist perspective. The eight studies in this volume introduce onomasiological, phraseological, and methodological innovations to the study of lexical borrowing. These new perspectives significantly enhance our understanding of lexical borrowing and provide new insights into contact-induced variation and change.

Equity & Health Pan American Sanitary Bureau 2001 The Pan American Sanitary Bureau gathers information on, and examines issues relating to, the disparities in health conditions and services in the Americas, especially as they relate to socio-economic indicators such as education, income, class, ethnicity and race, geographic location and gender. The concept of equity has emerged as a guiding principle for the Bureau's work. The articles gathered in this publication discuss how this idea can underpin the Bureau's work at the operational level, and can be incorporated into technical co-operation activities. Many of the perspectives expressed in the collection come from conceptual work developed through the Bureau's ongoing work with collaborating institutions, such as the Rockefeller Foundation and the World Bank, as well as academic and professional bodies in the region.

European Drawings 2 George R. Goldner 1992-10-08 The Getty Museum's collection of drawings was begun in 1981 with the purchase of a Rembrandt nude and has since become an important repository of European works from the fifteenth through the nineteenth century. As in the first volume devoted to the collection (published in 1988 in English and Italian editions), the text is here organized first by national school, then alphabetically by artist, with individual works arranged chronologically. For each drawing, the authors provide a discussion of the work's style, dating, iconography, and relationship to other works, as well as provenance and a complete bibliography.

Geocomputation, Sustainability and Environmental Planning Beniamino Murgante 2011-03-30 The experience developed by Ian McHarg represents the first attempt to base environmental planning on more objective methods. In particular, he supposed that the real world can be considered as a layer cake and each layer represents a sectoral analysis. This metaphor represents the fundamental of overlay mapping. At the beginning, these principles have been applied only by hand, just considering the degree of darkness, produced by layer transparency, as a negative impact. In the following years, this craftmade approach, has been adopted for data organization in Geographical Information Systems producing analyses with a high level of quality and rigour. Nowadays, great part of studies in environmental planning field have been developed using GIS. The next step relative to the simple use of geographic information in supporting environmental planning is the adoption of spatial simulation models, which can predict the evolution of phenomena. As the use of spatial information has definitely improved the quality of data sets on which basing decision-making process, the use of Geostatistics, spatial simulation and, more generally, geocomputation methods allows the possibility of basing the decision-making process on predicted future scenarios. It is very strange that a discipline such as planning which programs the territory for the future years in great part of cases is not based on simulation models. Sectoral analyses, often based on surveys, are not enough to highlight dynamics of an area. Better knowing urban and environmental changes occurred in the past, it is possible to provide better simulations to predict possible tendencies. The aim of this book is to provide an overview of the main methods and techniques adopted in the field of environmental geocomputation in order to produce a more sustainable development.

Health Promotion in School Antonio Iudici 2014-01-01 In addition to the role of educating future citizens, schools today respond to other social needs, especially to help promote health. The school, in fact, is a unique place to intercept the ways of thinking of children, adolescents and young adults. Very often, however, the school attaches great social responsibility without adequate support to achieve it. From this comes the need to provide educational resources to the roles and responsibilities in order to address the issues that the company asks them to deal with and that the issues of health and education are anointed synergistically. The present work aims to create a link between the promotion of health and school, describing in the first part, the international reference standards, the various theoretical approaches that exist today, and the evolution of the various models of intervention: from the bio-medical to the bio-psycho-social to interactive-dialogical. The second part, after having carried out a historical analysis of some of the themes in the last decade which have resulted in a particularly difficult management of the school (smoking, bullying, delinquency, intercultural) presents some methodological guidelines designed to intervene at the operational level, for the benefit of school leaders, teachers, health workers, parents, psychologists and educators.

Twelve Years a Slave Solomon Northup 2021-01-01 "Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Special Notice to Mariners 1994

Reconsidering Localism Simin Davoudi 2015-01-09 "Localism" has been deployed in recent debates over planning law as an anodyne, grassroots way to shape communities into sustainable, human-scale neighborhoods. But "local" is a moving category, with contradictory, nuanced dimensions. Reconsidering Localism brings together new scholarship from leading academics in Europe and North America to develop a theoretically-grounded critique and definition of the new localism, and how it has come to shape urban governance and urban planning. Moving beyond the UK, this book examines localism and similar shifts in planning policy throughout Europe, and features essays on localism and place-making, sustainability, social cohesion, and citizen participation in community institutions. It explores how debates over localism and citizen control play out at the neighborhood, institutional and city level, and has come to effect the urban landscape throughout Europe. Reconsidering Localism is a current, vital addition to planning scholarship.

Some Account of Gothic Architecture in Spain George Edmund Street 1865

Pragmatic Competence Naoko Taguchi 2009-09-04 In the disciplines of applied linguistics and second language acquisition (SLA), the study of pragmatic competence has been driven by several fundamental questions: What does it mean to become pragmatically competent in a second language (L2)? How can we examine pragmatic competence to make inference of its development among L2 learners? In what ways do research findings inform teaching and assessment of pragmatic competence? This book explores these key issues in Japanese as a second/foreign language. The book has three sections. The first section offers a general overview and historical sketch of the study of Japanese pragmatics and its influence on Japanese pedagogy and curriculum. The overview chapter is followed by eight empirical findings, each dealing with phenomena that are significant in Japanese pragmatics. They target selected features of Japanese pragmatics and investigate the learners' use of them as an indicator of their pragmatic competence. The target pragmatic features are wide-ranging, among them honorifics, speech style, sentence final particles, speech acts of various types, and indirect expressions. Each study explicitly prompts the connection between pragmalinguistics (linguistic forms available to perform language functions) and sociopragmatics (norms that determine appropriate use of the forms) in Japanese. By documenting the understanding and use of them among learners of Japanese spanning multiple levels and time durations, this book offers insight about the nature and development of pragmatic competence, as well as implications for the learning and teaching of Japanese pragmatics. The last section presents a critical reflection on the eight empirical papers and prompts a discussion of the practice of Japanese pragmatics research.

Tunnel Manual Centre d'études des tunnels (France) 1975

Italian Mathematics Between the Two World Wars Angelo Guerraggio 2006-01-20 This book describes Italian mathematics in the period between the two World Wars. It analyzes the development by focusing on both the interior and the external influences. Italian mathematics in that period was shaped by a colorful array of strong personalities who concentrated their efforts on a select number of fields and won international recognition and respect in an incredibly short time. Consequently, Italy was considered a third mathematical power after France and Germany.

UNESCO and a Culture of Peace Unesco 1997 Since UNESCO launched its Culture of Peace Programme, it has helped mobilize people from all walks of life and from all continents to support the transformation from a culture of war and violence to a culture of pace. This is a report of the Programme's actions.

Not So Silent Sofia Bull 2010

Threshold Level 1990 Jan Ate van Ek 1991-01-01

Advances in Aerospace Guidance, Navigation and Control Florian Holzapfel 2011-03-15 Over the last few decades, both the aeronautics and space disciplines have greatly influenced advances in controls, sensors, data fusion and navigation. Many of those achievements that made the word ‐aerospace‐ synonymous with ‐high-tech‐ were enabled by innovations in guidance, navigation and control. Europe has seen a strong trans-national consolidation process in aerospace over the last few decades. Most of the visible products, like commercial aircraft, fighters, helicopters, satellites, launchers or missiles, are not made by a single country - they are the fruits of cooperation. No European country by itself hosts a specialized guidance, navigation and controls community large enough to cover the whole spectrum of disciplines. However, on a European scale, mutual exchange of ideas, concepts and solutions is enriching for all. The 1st CEAS Specialist Conference on Guidance, Navigation and Control is an attempt to bring this community together. This book is a selection of papers presented at the conference. All submitted papers have gone through a formal review process in compliance with good journal practices. The best papers have been recommended by the reviewers to be published in this book.

Common European Framework of Reference for Languages: Learning, Teaching, assessment Council of Europe 2020-05-05 The CEFR Companion volume broadens the scope of language education. It reflects academic and societal developments since the publication of the Common European Framework of Reference for Languages (CEFR) and updates the 2001 version. It owes much to the contributions of members of the language teaching profession across Europe and beyond. This volume contains: ► an explanation of the key aspects of the CEFR for teaching and learning; ► a complete set of updated CEFR descriptors that replaces the 2001 set with: - modality-inclusive and gender-neutral descriptors; - added detail on listening and reading; - a new Pre-A1 level, plus enriched description at A1 and C levels; - a replacement scale for phonological competence; - new scales for mediation, online interaction and plurilingual/pluricultural competence; - new scales for sign language competence; ► a short report on the four-year development, validation and consultation processes. The CEFR Companion volume represents another step in a process of engagement with language education that has been pursued by the Council of Europe since 1971 and which seeks to: ► promote and support the learning and teaching of modern languages; ► enhance intercultural dialogue, and thus mutual understanding, social cohesion and democracy; ► protect linguistic and cultural diversity in Europe; and ► promote the right to quality education for all.

CAA2015_Keep The Revolution Going Stefano Campana 2016-03-31 This volume brings together all the successful peer-reviewed papers submitted for the proceedings of the 43rd conference on Computer Applications and Quantitative Methods in Archaeology that took place in Siena (Italy) from March 31st to April 2nd 2015.

Should I Try to Work It Out? Alan J. Hawkins 2013-07-01 This guidebook is designed to be a resource to individuals who may be thinking about getting a divorce or whose spouse is thinking about divorce. These individuals are at the ‐crossroads of divorce,‐ facing a challenging decision that has powerful consequences for the future of their own lives, the lives of family members, and their communities. The guidebook contains research-based information about important questions that individuals at the crossroads of divorce often have, such as: Can my marriage be repaired and can we be happy again? Is divorce a reliable path to happiness? What are the effects of divorce on children, adults, and the communities they live in? What are the legal options for ending a marriage? With objective information and self-guided, written exercises, the authors try to answer these questions and many more in this guidebook and help individuals at the crossroads of divorce think clearly about the best path forward for themselves and their children.

Free Energy Calculations Christophe Chipot 2007-01-08 Free energy constitutes the most important thermodynamic quantity to understand how chemical species recognize each other, associate or react. Examples of problems in which knowledge of the underlying free energy behaviour is required, include conformational equilibria and molecular association, partitioning between immiscible liquids, receptor-drug interaction, protein-protein and protein-DNA association, and protein stability. This volume sets out to present a coherent and comprehensive account of the concepts that underlie different approaches devised for the determination of free energies. The reader will gain the necessary insight into the theoretical and computational foundations of the subject and will be presented with relevant applications from molecular-level modelling and simulations of chemical and biological systems. Both formally accurate and approximate methods are covered using both classical and quantum mechanical descriptions. A central theme of the book is that the wide variety of free energy calculation techniques available today can be understood as different implementations of a few basic principles. The book is aimed at a broad readership of graduate students and researchers having a background in chemistry, physics, engineering and physical biology.