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DBB - BROWN ROLAND

After the overthrow of the Qadhafi regime in 2011, Libya witnessed a dramatic breakdown of centralized power. Countless local factions carved up the country into a patchwork of spheres of influence. Almost no nationwide or even regional organizations emerged, and no national institutions survived the turbulent descent into renewed civil war. Only the leader of one armed coalition, Khalifa Haftar, managed to overcome competitors and centralize authority over eastern Libya. But tenacious resistance from armed groups in western Libya blocked Haftar's attempt to seize power in the capital Tripoli. Rarely does political fragmentation occur as radically as in Libya, where it has been the primary obstacle to the re-establishment of central authority. This book analyzes the forces that have shaped the country's trajectory since 2011. Confounding widely held assumptions about the role of Libya's tribes in the revolution, Wolfram Lacher shows how war transformed local communities and explains why Khalifa Haftar has been able to consolidate his sway over the north-east. Based on hundreds of interviews with key actors in the conflict, Lacher advances an approach to the study of civil wars that places the transformation of social ties at the centre of analysis.

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In this much-needed book, Graham Dunkley challenges the oft-repeated notion that free trade and global integration are the best means of development for all nations at all times - an idea that has proved even more misguided in the wake of the global financial crisis. By contrast, Dunkley reveals - through a wide range of statistical analysis and case studies - that at best the evidence is mixed. Looking systematically at issues such as trade-led growth, supply chains and financialization, One World Mania reveals the many problems that over-globalization has caused, often at great human cost. An indispensable guide for anyone wishing to understand the shortcomings of current global economic policies.

The European Union and Deprivation of Liberty examines the EU legislative and judicial approach to deprivation of liberty from the perspective of the following fundamental rights and principles: the principle of legality and proportionality of penalties; the right to liberty; and the principle that criminal penalties must aim for the social reintegration of the offenders. The book measures the relevant EU law against those rights; this constitutes the very core of the relationship between public powers and individual liberty. The analysis shows that the ultimate goal of the Union is the creation and preservation of the EU as a borderless area. The holistic approach adopted in the book explains how different legal phenomena connected to deprivation of liberty have come into being in EU law. It also shows that those phenomena call for solutions suitable for the peculiarities of the EU legal order.

India is emerging as a key player in the development cooperation arena, not only because of the increasing volume and reach of its south-south cooperation but more so because of its leadership and advocacy for the development of a distinctly southern development discourse and knowledge

generation. This book traces and analyses the evolution of Indian development cooperation. It highlights its significance both to global development and as an effective tool of Indian foreign policy. Focussing on how India has played an important role in supporting development efforts of partner countries in South Asia and beyond through its various initiatives in the realm of development cooperation, the book tracks the evolution, genesis, and the challenges India faces in the current international context. The contributions provide a rich mix of academic and government, policy and practice, Indian and external perspectives. Theory is complemented with empirical research, and case studies on countries and sectors as well as comparisons with other aid providing countries are presented. The book is of interest to researchers and policy makers in the field of development cooperation, the role of emerging powers from the South, international development, foreign policy and global political economy.

Songs of Ourselves: the University of Cambridge International Examinations Anthology of Poetry in English contains work by more than 100 poets from all parts of the English speaking world.

The standard incandescent light bulb, which still works mainly as Thomas Edison invented it, converts more than 90% of the consumed electricity into heat. Given the availability of newer lighting technologies that convert a greater percentage of electricity into useful light, there is potential to decrease the amount of energy used for lighting in both commercial and residential applications. Although technologies such as compact fluorescent lamps (CFLs) have emerged in the past few decades and will help achieve the goal of increased energy efficiency, solid-state lighting (SSL) stands to play a large role in dramatically decreasing U.S. energy consumption for lighting. Since the publication of the 2013 National Research Council report Assessment of Advanced Solid-State Lighting, the penetration of SSL has increased dramatically, with a resulting savings in energy and costs that were foreshadowed by that study. What was not anticipated then is the dramatic dislocation and restructuring of the SSL marketplace, as cost reductions for light-emitting diode (LED) components reduced profitability for LED manufacturers. At the same time, there has been the emergence of new applications for SSL, which have the potential to create new markets and commercial opportunities for the SSL industry. Assessment of Solid-State Lighting, Phase Two discusses these aspects of change—highlighting the progress of commercialization and acceptance of SSL and reviewing the technical advances and challenges in achieving higher efficacy for LEDs and organic light-emitting diodes. This report will also discuss the recent trends in SSL manufacturing and opportunities for new applications and describe the role played by the Department of Energy (DOE) Lighting Program in the development of SSL.

This review assesses the overall investment climate in the Philippines, looking at investment policy, investment promotion and facilitation, competition policy, infrastructure investment and responsible business conduct.

Theme-based learning is a way of teaching and learning, whereby many areas of the curriculum are connected together and integrated within a theme. For Chinese International exams, like IGCSE, IB, are evolving into Theme-based curriculum. Students develop the ability to communicate in the target language through the study of language, themes and texts. In this edition, we added more vocabulary and give the HSK classification, both Version 2009 and the latest Version 2021. Within each topic, the vocabulary are arranged by HSK V2021 levels. This will give teachers a guidance for difficulty level and allow students to set priority on the vocabulary they should know to read, write or both. Based on HSK (version 2009 and the latest version 2021), we edited a series of Chinese Vocabulary for those who are studying Chinese or preparing international examinations, such as IB, SAT, AP, IGCSE, GCSE Chinese. Combining our 26 years' experience in Teaching and editing our own materials, here is the "LIFE SAVING" book called by many students for their exams. The book give a quick revision for your coming exam! Thanks for your support for us creating better contents for you! It takes our years' painful effort to edit. Grab it!

Demonstrating the latest research and analysis in the area of through-life engineering services (TES), this book utilizes case studies and expert analysis from an international array of practitioners and researchers - who together represent multiple manufacturing sectors: aerospace, railway

and automotive - to maximize reader insights into the field of through-life engineering services. As part of the EPSRC Centre in Through-life Engineering Services program to support the academic and industrial community, this book presents an overview of non-destructive testing techniques and applications and provides the reader with the information needed to assess degradation and possible automation of through-life engineering service activities. The latest developments in maintenance-repair-overhaul (MRO) are presented with emphasis on cleaning technologies, repair and overhaul approaches and planning and digital assistance. The impact of these technologies on sustainable enterprises is also analyzed. This book will help to support the existing TES community and will provide future studies with a strong base from which to analyze and apply technological trends to real world examples.

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The "Qatar papers" reveal the mapping of proselytism in France and Europe led by Qatar Charity, the most powerful Qatari NGO. These confidential documents, disclosed for the first time, detail most of the 140 projects to finance mosques, schools and Islamic centres, for the benefit of associations linked to the Muslim Brotherhood. They reveal the salary paid to Tariq Ramadan, a figure of political Islam that Doha sponsors outside its borders. At the end of a survey in six European countries and a dozen cities in France, the authors expose the concealment, sometimes the double language, of Muslim associations on their foreign funding, as well as the ostrich policy followed by many mayors, out of electoralism or ignorance. They point out the absurdity of the situation: with the faithful's money alone as a subsidy, how could mosques in France deprive themselves of aid from abroad? A journey behind-the-scenes of a wealthy and opaque NGO linked to the top of the Qatari state, as revealed by its funding by several members of the ruling family, the Al Thani.

The two-volume set LNAI 8467 and LNAI 8468 constitutes the refereed proceedings of the 13th International Conference on Artificial Intelligence and Soft Computing, ICAISC 2014, held in Zakopane, Poland in June 2014. The 139 revised full papers presented in the volumes, were carefully reviewed and selected from 331 submissions. The 69 papers included in the first volume are focused on the following topical sections: Neural Networks and Their Applications, Fuzzy Systems and Their Applications, Evolutionary Algorithms and Their Applications, Classification and Estimation, Computer Vision, Image and Speech Analysis and Special Session 3: Intelligent Methods in Databases. The 71 papers in the second volume are organized in the following subjects: Data Mining, Bioinformatics, Biometrics and Medical Applications, Agent Systems, Robotics and Control, Artificial Intelligence in Modeling and Simulation, Various Problems of Artificial Intelligence, Special Session 2: Machine Learning for Visual Information Analysis and Security, Special Session 1: Applications and Properties of Fuzzy Reasoning and Calculus and Clustering.

An essay on the history of automobiles in early twentieth century Fez, Morocco.

Performance-based assessments have become a critical component of every teacher education pro-

gram. Such assessments allow teacher candidates to demonstrate their content and pedagogical knowledge, skills, and dispositions in an authentic setting. Evaluating Teacher Education Programs through Performance-Based Assessments analyzes and discusses the theory and concepts behind teacher education program evaluation using assessment tools such as lesson plans, classroom artifacts, student work examples, and video recordings of lessons. Emphasizing critical real-world examples and empirically-based studies, this research-based publication is an ideal reference source for university administrators, teacher educators, K-12 leaders, and graduate students in the field of education.

Designing Gamified Systems is a fundamental guide for building essential skills in game and interaction design to revitalize and reimagine real world systems – from cities and corporations to schools and the military. Author Sari Gilbert develops a set of core principles and tools for using game thinking and interactive design to build motivation, explain hard concepts, broaden audiences, deepen commitments and enhance human relationships. Designing Gamified Systems includes: Topics such as gamified system design, behavioral psychology, marketing, business strategy, learning theory and instructional design Interviews with leaders and practitioners in this emerging field who explain how the job of the game designer is being redefined Exercises designed to both encourage big-picture thinking about gamified systems and help you experience and understand the challenges and nuances involved in designing them A companion website (www.gamifiedsystems.com) with additional materials to supplement learning and practice

This book constitutes the thoroughly refereed post-conference of the 12th International Symposium on Computer Music Modeling and Retrieval, CMMR 2016, held in São Paulo, Brazil, in July 2016. The 22 full papers presented were carefully reviewed and selected from 40 submissions. This year's conference theme "Bridging People and Sound" aimed at encouraging contributions from artists and listeners on the one side and audio and music technology researchers on the other.

This book offers a unique comparative assessment of the evolution of immigration detention systems in European Union member states since the onset of the "refugee crisis." By applying an analytical framework premised on international human rights law in assessing domestic detention regimes, the book reveals the extent to which EU legislation has led to the adoption of laws and practices that may disregard fundamental rights and standards. While emphasizing policies and laws adopted in response to the "refugee crisis," the volume also shows how these policies have evolved—and in many cases grown more restrictive—even as the "crisis" has begun to recede from the borders of many European countries. To sharpen awareness of contrasting developments across the region, the book's country chapters are organized into geographic sections that reveal how variations in migration pressures have in some cases resulted in contrasting detention practices even as the EU directives have sought to harmonise immigration laws. A critical focus of the book are the evolving domestic norms related to grounds for detention, length of detention, non-custodial "alternatives to detention," the treatment of children, and conditions of detention. With its systematic and comparative assessment of immigration detention regimes across the EU, the book will be helpful for both academics and practitioners who seek a comprehensive guide to the evolution of one of today's more important human rights dilemmas—states' efforts to control global migration.

For plenty years, many popular mountain resorts have seen largely uncontrolled development consisting of the multiplication of archetypal chalet-style houses. This is usually accompanied by road-building for private cars. In order to protect these tourist destinations and their natural environs from further uncontrolled development, the author investigates different settlement structures such as Andermatt, Avoriaz, Verbier, Zermatt, and Whistler-Blackcomb. On the basis of detailed graphical analyses, she develops groundbreaking strategies for urban densification and suitable mobility management, which can also be transferred to other tourist areas.

This book provides the first comprehensive analyses of the challenges all European welfare systems have been facing since 2007, combining in-depth country-based studies and comparative chapters. It focuses on: 1) the economic and financial crisis, 2) demographic change, and 3) the balance between avoiding risks and opening up opportunities in social policy. The results show that European welfare systems tend to face the same challenges in different ways and that also their responses to those challenges differ considerably. Although the EU also plays a part in shaping national welfare systems, it becomes evident that European welfare systems are by no means converging: in terms of social policy, national diversity within Europe is still a major factor that will shape future developments in European welfare systems.

"Report of the Dominion fishery commission on the fisheries of the province of Ontario, 1893", issued as an addendum to vol. 26, no. 7.

Starting from psychophysics, over the last 50 years, most progress in unravelling the mechanisms of color vision has been made through the study of single cell responses, mainly in LGN and striate cortex. A similar development in the study of form perception may seem to be underway, centred on the study of temporal cortex. However, because of the combinatorial characteristics of form perception, we are also observing the opposite tendency: from single-cell activity to population coding, and from static receptive field structures to system dynamics and integration and, ultimately, a synthetic form of psychophysics of color and form perception. From single cells to system integration: it is this development the present Research Topic wishes to highlight and promote. How does this development affect our views on the various attributes of perception? In particular, we are interested in to what extent evolving knowledge in the field of color perception is relevant within a developing integrative framework of form perception. The goal of this Research Topic is to bring together experimental research encompassing both color and form perception. For this volume, we planned a broad scope of topics – on color in complex scenes, color and form, as well as dynamic aspects of form perception. We expect that the Research Topic will be attractive to the community of researchers whose work straddles the boundary between the two visual perception fields, as well as to the wider community interested in integrative/systems neuroscience.

This book analyses energy transitions and the opportunities and challenges for building sustainable energy systems to improve human capabilities while protecting the environment. Sufficient and secure energy supply is critical to human thriving and socioeconomic development. Yet energy systems are also implicated in the most pressing socio-environmental challenges of our time - climate change, air pollution, and water and land use. This book examines what is arguably the most ambitious vision for a renewable energy based system worldwide. This vision, often called Desertec, is for a regional electricity system supplying North Africa, Europe, and the Middle East with sustainable and affordable power. The behemoth plan would entail building dozens of large-scale solar and wind power plants mostly in North Africa, interconnecting the fragmented transmission infrastructure of 38 Mediterranean countries, and linking North Africa to the European Union (EU) through undersea transmission cables. Within the Mediterranean, the book focuses on Morocco, which is one of the most advanced developing countries in renewable energy scale-up, to understand its motivations for building renewable energy and the effects on sustainable development. The book therefore takes a unique multi-scalar approach to understanding the social and political aspects of energy transitions, weaving together the views of villagers living near Morocco's first solar energy zone with the perspectives of national decision-makers in Morocco with the views of European policymakers and major transnational energy companies in the Mediterranean region. This book will be of great interest to students, scholars and policymakers interested in energy transitions, sustainable and renewable energy, Mediterranean politics, sustainable development and environment and sustainability more generally.

An investigative approach to Cambridge IGCSE Geography, written in partnership with the Geographical Association. Encourage students to make links between case studies and their own local contexts as well as exploring the core themes and skills of the 0460 syllabus in the context of global case studies and processes. Prepare for exam success with full coverage of the core themes of Paper 1 (Population and Settlement, The Natural Environment, Economic Development and the Use of Resources) as well as the geographical and fieldwork skills elements of Papers 2, 3 and 4. Help students focus on achieving the best grades with excellent exam support for each Paper, with exam-style questions, answers at different levels and accompanying comments. Be confident in the content and approach - this resource is written by highly experienced Geography teachers, consulted edited by a CIE Principal Examiner, and produced in partnership with the UK Geographical Association - the home of best practice in Geography teaching.

Choreographic Dwellings: Practising Place offers new readings of the kinaesthetic experiences of site-specific and nomadic performance, parkour, installation and walking practices. It extends the remit of the choreographic by reframing the kinaesthetic qualities of place as action.

This volume explores the significant connections between the Quaker community and the abolitionist cause in America. The case studies that make up the collection mainly focus on the greater Philadelphia area, a hotbed of the abolitionist movement and the location of the first American abolition society founded in 1775. Despite the importance of Quakers to the abolitionist movement, their significance has been largely overlooked in the existing historiography. These studies will be of interest to scholars of slavery and abolition, religious history, Atlantic studies and American so-

cial and political history.

Cambridge IGCSE Chinese - Second Language (0523) Cambridge IGCSE Chinese as a Second Language is designed for learners who already have a working knowledge of the language and who want to consolidate their understanding to progress their education or career. Through their studies, learners achieve a thorough understanding of a wide range of registers and styles and learn to communicate appropriately in different situations. The syllabus focuses on the linked language skills of reading, writing, listening and oral communication. Through their study of Cambridge IGCSE Chinese as a Second Language, learners can achieve a level of practical communication ideal for everyday use, which can also form the basis for further, more in-depth language study. By referring to Cambridge IGCSE Chinese, Edexcel IGCSE Chinese (another two examination board) and HSK (Chicness Proficiency Test), combining our 25 years' experience in Teaching and editing our own materials. Here is the "LIFE SAVING" book called by many students for their exams. It takes our years' painful effort to edit. The book give a quick revision for your coming exam! Grab it!

Organizations can use the valuable tool of data envelopment analysis (DEA) to make informed decisions on developing successful strategies, setting specific goals, and identifying underperforming activities to improve the output or outcome of performance measurement. The Handbook of Research on Strategic Performance Management and Measurement Using Data Envelopment Analysis highlights the advantages of using DEA as a tool to improve business performance and identify sources of inefficiency in public and private organizations. These recently developed theories and applications of DEA will be useful for policymakers, managers, and practitioners in the areas of sustainable development of our society including environment, agriculture, finance, and higher education sectors.

In 'Making Kids Cleverer: A manifesto for closing the advantage gap', David Didau reignites the nature vs. nurture debate around intelligence and offers research-informed guidance on how teachers can help their students acquire a robust store of knowledge and skills that is both powerful and useful. Foreword by Paul A. Kirschner. Given the choice, who wouldn't want to be cleverer? What teacher wouldn't want this for their students, and what parent wouldn't wish it for their children? When David started researching this book, he thought the answers to the above were obvious. But it turns out that the very idea of measuring and increasing children's intelligence makes many people extremely uncomfortable: If some people were more intelligent, where would that leave those of us who weren't? The question of whether or not we can get cleverer is a crucial one. If you believe that intelligence is hereditary and environmental effects are trivial, you may be sceptical. But environment does matter, and it matters most for children from the most socially disadvantaged backgrounds those who not only have the most to gain, but who are also the ones most likely to gain from our efforts to make all kids cleverer. And one thing we can be fairly sure will raise children's intelligence is sending them to school. In this wide-ranging enquiry into psychology, sociology, philosophy and cognitive science, David argues that with greater access to culturally accumulated information taught explicitly within a knowledge-rich curriculum children are more likely to become cleverer, to think more critically and, subsequently, to live happier, healthier and more secure lives.;Furthermore, by sharing valuable insights into what children truly need to learn during their formative school years, he sets out the numerous practical ways in which policy makers and school leaders can make better choices about organising schools, and how teachers can communicate the knowledge that will make the most difference to young people as effectively and efficiently as possible. David underpins his discussion with an exploration of the evolutionary basis for learning and also untangles the forms of practice teachers should be engaging their students in to ensure that they are acquiring expertise, not just consolidating mistakes and misconceptions. There are so many competing suggestions as to how we should improve education that knowing how to act can seem an impossible challenge. Once you have absorbed the arguments in this book, however, David hopes you will find the simple question that he asks himself whenever he encounters new ideas and initiatives Will this make children cleverer? as useful as he does.;Suitable for teachers, school leaders, policy makers and anyone involved in education Endorsed by Cambridge International Examinations Foster a deeper understanding with a wide range of international case studies and exam preparation matched to the key knowledge students need for success. This title covers the entire syllabus for Cambridge International Examinations' International AS and A Level Business (9609). It is divided into separate sections for AS and A Level making it ideal for students studying both the AS and the A Level and also those taking the AS examinations at the end of their first year. - Illustrates key concepts using examples from multinational-

als and businesses that operate around the world - Provides practice throughout the course with carefully selected past paper questions, covering all question types, at the end of each chapter - Using and interpreting data feature emphasises and illustrates the importance of numeracy both in terms of calculations and interpreting numerical data - Free Revision and practice CD includes interactive tests, selected answers, additional activities, and a glossary

Visual tracking is one of the fundamental problems in computer vision. Its numerous applications include robotics, autonomous driving, augmented reality and 3D reconstruction. In essence, visual tracking can be described as the problem of estimating the trajectory of a target in a sequence of images. The target can be any image region or object of interest. While humans excel at this task, requiring little effort to perform accurate and robust visual tracking, it has proven difficult to automate. It has therefore remained one of the most active research topics in computer vision. In its most general form, no prior knowledge about the object of interest or environment is given, except for the initial target location. This general form of tracking is known as generic visual tracking. The unconstrained nature of this problem makes it particularly difficult, yet applicable to a wider range of scenarios. As no prior knowledge is given, the tracker must learn an appearance model of the

target on-the-fly. Cast as a machine learning problem, it imposes several major challenges which are addressed in this thesis. The main purpose of this thesis is the study and advancement of the, so called, Discriminative Correlation Filter (DCF) framework, as it has shown to be particularly suitable for the tracking application. By utilizing properties of the Fourier transform, a correlation filter is discriminatively learned by efficiently minimizing a least-squares objective. The resulting filter is then applied to a new image in order to estimate the target location. This thesis contributes to the advancement of the DCF methodology in several aspects. The main contribution regards the learning of the appearance model: First, the problem of updating the appearance model with new training samples is covered. Efficient update rules and numerical solvers are investigated for this task. Second, the periodic assumption induced by the circular convolution in DCF is countered by proposing a spatial regularization component. Third, an adaptive model of the training set is proposed to alleviate the impact of corrupted or mislabeled training samples. Fourth, a continuous-space formulation of the DCF is introduced, enabling the fusion of multiresolution features and sub-pixel accurate predictions. Finally, the problems of computational complexity and overfitting are addressed by investigating dimensionality reduction techniques. As a second contribution, different feature representations for tracking are investigated. A particular focus is put on the analysis of color fea-

tures, which had been largely overlooked in prior tracking research. This thesis also studies the use of deep features in DCF-based tracking. While many vision problems have greatly benefited from the advent of deep learning, it has proven difficult to harvest the power of such representations for tracking. In this thesis it is shown that both shallow and deep layers contribute positively. Furthermore, the problem of fusing their complementary properties is investigated. The final major contribution of this thesis regards the prediction of the target scale. In many applications, it is essential to track the scale, or size, of the target since it is strongly related to the relative distance. A thorough analysis of how to integrate scale estimation into the DCF framework is performed. A one-dimensional scale filter is proposed, enabling efficient and accurate scale estimation.

This book constitutes the refereed proceedings of the 10th Conference on Computability in Europe, CiE 2014, held in Budapest, Hungary, in June 2014. The 42 revised papers presented were carefully reviewed and selected from 78 submissions and included together with 15 invited papers in this proceedings. The conference had six special sessions: computational linguistics, bio-inspired computation, history and philosophy of computing, computability theory, online algorithms and complexity in automata theory.