Now available from ASM Press, this lavishly illustrated atlas sets the standard for innovative techniques in medical mycology. It illustrates the diversity of fungal agents and provides ample
molecular data for the majority of clinically relevant fungi. In addition, antifungal susceptibility data is given for most species, providing essential knowledge for the clinician in view of adequate therapy. Numerous emerging opportunistic species are covered including recently described agents of brain infection such as Ramichloridium mackenziei and Cladophialophora modesta, as well as several Trichoderma species. Molecular data include rDNA SSU restriction maps for genera and rDNA ITS restriction maps for species. Phylogenetic overviews of the fungal Kingdom in general, and many important groups in detail, are also provided. This comprehensive volume also offers a list of doubtful names and insufficiently proven cases and references more than 3,400 fungal names that have appeared in the medical literature. - Following the pattern of the Internet growth in popularity, started in the early 1990s, the current unprecedented expansion of wireless technology promises to have an even greater effect on how people communicate and interact, with considerable socio-economic impact all over the world. The driving force behind this growth is the remarkable progress in component miniaturization, integration, and also developments in waveforms, coding, and communication protocols. Besides established infrastructure-based wireless networks (cellular, WLAN, satellite) ad-hoc wireless networks emerge as a new platform for distributed applications and for personal communication in scenarios where deploying infrastructure is not feasible. In ad-hoc wireless networks, each node is capable of forwarding packets on behalf of other nodes, so that multi-hop paths provide end-to-end connectivity. The increased flexibility and mobility of ad-hoc wireless networks are favored for appli-
tions in law enforcement, homeland defense and military. In a world where wireless networks become increasingly interoperable with each other and with the high-speed wired Internet, personal communication systems will transform into universal terminals with instant access to variate content and able of handle demanding tasks, such as multimedia and real-time video. With users roaming between networks, and with wide variation in wireless link quality even in a single domain, the communications terminal must continue to provide a level of Quality of Service that is acceptable to the user and conforms to a contracted Service Level Agreement. In this urgent, authoritative book, Bill Gates sets out a wide-ranging, practical - and accessible - plan for how the world can get to zero greenhouse gas emissions in time to avoid a climate catastrophe. Bill Gates has spent a decade investigating the causes and effects of climate change. With the help of experts in the fields of physics, chemistry, biology, engineering, political science, and finance, he has focused on what must be done in order to stop the planet's slide toward certain environmental disaster. In this book, he not only explains why we need to work toward net-zero emissions of greenhouse gases, but also details what we need to do to achieve this profoundly important goal. He gives us a clear-eyed description of the challenges we face. Drawing on his understanding of innovation and what it takes to get new ideas into the market, he describes the areas in which technology is already helping to reduce emissions, where and how the current technology can be made to function more effectively, where breakthrough technologies are needed, and who is working on these essential innovations. Finally, he lays out a concrete, practical plan for
achieving the goal of zero emissions—suggesting not only policies that governments should adopt, but what we as individuals can do to keep our government, our employers, and ourselves accountable in this crucial enterprise. As Bill Gates makes clear, achieving zero emissions will not be simple or easy to do, but if we follow the plan he sets out here, it is a goal firmly within our reach. The contributions in this book address both the kinetic approach one using the Boltzmann equation for dissipative gases as well as the less established hydrodynamic description. The last part of the book is devoted to driven granular gases and their analogy with molecular fluids. Proceedings of a conference, "Translation in second language teaching and learning", that took place at the National University of Ireland, Maynooth, March 27-29, 2008 This book aims to take users from scratch to having a solid base in German within six months, and to feel comfortable with the language in as little as three months. In only half an hour a day users will move ahead naturally until they are at ease with all the basic structures needed for communication and become familiar with the basic words and grammar of German. The method comprises two phases: the passive phase, in which users simply repeat what they hear and read, and the active phase, in which users begin to create sentences and imagine themselves in a variety of everyday situations. Essential German Grammar is a student-friendly grammar and workbook designed to give learners a firm foundation on which to build a real understanding of both spoken and written German. The reference grammar section offers clear explanations of key grammar points while a separate exercise section gives students the opportunity to test themselves and put into practice what they have learned. This new edition has
been revised and updated throughout. Explanations, tables and exercises have been improved and a number of the authentic texts and illustrations have been replaced by new material. Key features of this second edition include: User-friendly layout with updated 2 colour design, engaging illustrations and visually appealing tables throughout to aid the learning process Clear and accessible explanations with memorable examples informed by the latest research on the German language and presented in accordance with current teaching methodology Helpful parallels between English and German provided where relevant End-of-chapter extracts taken from contemporary journalistic or authentic literary sources, illustrating grammar in context, with model translations provided at the back of the book Material to enable better strategic learning and understanding, including a Why Grammar?—FAQ section, a glossary of grammatical terms in both English and German and a complete answer key to exercises Created especially for the new edition, a companion website at www.routledge.com/cw/kaiser offering a wealth of additional materials, including interactive exercises, quizzes and flashcards to test student understanding, downloadable PDF sheets for classroom use, PowerPoint slides for instructors and audio recordings illustrating the sounds of spoken German. Written by highly experienced lecturers in the field, Essential German Grammar is an invaluable resource for intermediate and advanced students of German (CEFR levels A2 to B2, ACTFL Novice High to Intermediate High). It is designed to function equally as a free-standing grammar or as a foundation grammar for Hammer’s German Grammar and Usage and is suitable for both classroom use and self-study. This text is an unbound, three hole punched
version. Access to WileyPLUS sold separately. Economics of Strategy, Binder Ready Version focuses on the key economic concepts students must master in order to develop a sound business strategy. Ideal for undergraduate managerial economics and business strategy courses, Economics of Strategy offers a careful yet accessible translation of advanced economic concepts to practical problems facing business managers. Armed with general principles, today's students--tomorrows future managers--will be prepared to adjust their firms business strategies to the demands of the ever-changing environment. By intelligence officials for intelligent people Now in a new edition, National Geographic Learning brings the world to your classroom with Life, a six-level integrated-skills series with grammar and vocabulary for young adult and adult English language learners. Through stunning National Geographic content, video, and engaging topics, Life inspires a generation of informed decision-makers. With Life, learners develop their ability to think critically and communicate effectively in the global community. Themen aktuell ist die aktualisierte und optisch völlig überarbeitete Ausgabe von Themen neu. Themen aktuell bietet durchgehend neue Zeichnungen und Fotos in einem modernen Layout. Einige Texte und Übungen wurden inhaltlich der heutigen Zeit angepasst. Zielgruppe: Erwachsene Anfänger in Grundstufenkursen an Volkshochschulen, Goethe-Instituten, Universitäten, privaten Sprachschulen und anderen Institutionen weltweit, die Kurse in Deutsch als Fremdsprache erteilen. Lernziel: Kommunikation in Alltagssituationen; aktive Teilnahme an Gesprächen über allgemein interessierende Themen; sinnvoller Umgang mit einfachen literarischen und feuilletonistischen
will ever approach the intricacy of the human mind. 144 illustrations. **THE MULTI-MILLION COPY BESTSELLER**

'Interesting and provocative... It gives you a sense of how briefly we've been on this Earth' Barack Obama

What makes us brilliant? What makes us deadly? What makes us Sapiens? Yuval Noah Harari challenges everything we know about being human. Earth is 4.5 billion years old. In just a fraction of that time, one species among countless others has conquered it: us. In this bold and provocative book, Yuval Noah Harari explores who we are, how we got here and where we're going. The perfect gift for curious readers this Christmas.

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PRAISE FOR SAPIENS: 'Jaw-dropping from the first word to the last... It may be the best book I've ever read' Chris Evans 'Sweeps the cobwebs out of your brain... Radiates power and clarity' Sunday Times 'It altered how I view our species and our world' Guardian 'Startling... It changes the way you look at the world' Simon Mayo 'I would recommend Sapiens to anyone who's interested in the history and future of our species' Bill Gates

**ONE OF THE GUARDIAN'S 100 BEST BOOKS OF THE 21st CENTURY**

Syntax within the Word provides a multifaceted look into the syntactic framework of Distributed Morphology (DM) within the Minimalist program. For those unfamiliar with the theory, this monograph provides an overview of DM and argues its strengths. For those more familiar with DM, this monograph provides analyses of familiar data much of which has not been treated within the framework: argument selection, stem allomorphy and suppletion, nominal compounds in English (feet-first vs. *heads-first), and the structure of the verb phrase. This monograph also proposes a future for the theory in the form of revisions to DM.
including: the elimination of readjustment rules, a new economy constraint (Minimize Exponence) that triggers fusion of functional heads, and a feature blocking system. DEUTSCH HEUTE successfully develops the skills of introductory German students by maintaining a focus on listening, speaking, reading, and writing. Manageable for two-semester courses, the 10th edition covers grammar in a logical sequence. Each chapter contains many function-based activities that focus on specific emotional expressions. Students are introduced to contemporary life and culture in German-speaking countries through a cast of recurring characters who appear in the “Bausteine für Gespräche” (dialogues) and some readings and exercises. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. What would be your ideal job if you didn't have to worry about money? Would you like to have more responsibility or less? How far would you go for a promotion? When did you last stand up for what you believe in? What are you afraid of? In this unique handbook to your own life and work, there are no right or wrong answers: only honest ones. Featuring sections on subjects everyone can relate to, from the professional (work and finance), to the personal (sex and relationships), The Question Book can be used alone, like a journal; or with a colleague, partner or friend. It will probe and enlighten on everything, including what your boss really thinks about you, whether you are in the right job, and what motivates you to get out of bed every morning. These wide-ranging questions - which provoke short 'yes or no's as well as open-ended responses that dig deeper - are pertinent, direct, and compulsively fun to answer. In The Question Book, you are under
the spotlight. And only you have the answer. Covering the theory of computation, information and communications, the physical aspects of computation, and the physical limits of computers, this text is based on the notes taken by one of its editors, Tony Hey, on a lecture course on computation given by Grammatik für englisch sprechende Deutschlerner für Anfänger ab Niveau A2 sowie für Fortgeschrittene. Medical imaging has been transformed over the past 30 years by the advent of computerized tomography (CT), magnetic resonance imaging (MRI), and various advances in x-ray and ultrasonic techniques. An enabling force behind this progress has been the (so far) exponentially increasing power of computers, which has made it practical to explore fundamentally new approaches. In particular, what our group terms "model-based" modalities—which produce tissue property images from data using nonlinear, iterative numerical modeling techniques—have become increasingly feasible. Alternative Breast Imaging: Four Model-Based Approaches explores our research on four such modalities, particularly with regard to imaging of the breast: (1) MR elastography (MRE), (2) electrical impedance spectroscopy (EIS), (3) microwave imaging spectroscopy (MIS), and (4) near infrared spectroscopic imaging (NIS). Chapter 1 introduces the present state of breast imaging and discusses how our alternative modalities can contribute to the field. Chapter 2 looks at the computational common ground shared by all four modalities. Chapters 2 through 10 are devoted to the four modalities, with each modality being discussed first in a theory chapter and then in an implementation-and-results chapter. The eleventh and final chapter discusses statistical methods for image analysis in the context of these four alternative
imaging modalities. Imaging for the detection of breast cancer is a particularly interesting and relevant application of the four imaging modalities discussed in this book. Breast cancer is an extremely common health problem for women; the National Cancer Institute estimates that one in eight US women will develop breast cancer at least once in her lifetime. Yet the efficacy of the standard (and notoriously uncomfortable) early-detection test, the x-ray mammogram, has been disputed of late, especially for younger women. Conditions are thus ripe for the development of affordable techniques that replace or complement mammography. The breast is both anatomically accessible and small enough that the computing power required to model it, is affordable. Connect with the world and bring your classroom to life. Now in a new edition, National Geographic Learning brings the world to your classroom with LIFE, a six-level, integrated-skills series with grammar and vocabulary for young adult and adult English language learners. Das Glossar enthält den gesamten Wortschatz sowie Wendungen zum Kursbuch. Das Glossar Deutsch-Englisch ist auch als Download-Produkt (3-19-301690-X) erhältlich. This book provides comprehensive, up-to-date overview of the accumulation of wastes at mine, including sulfidic mine wastes, mine water, tailings, cyanidation wastes of gold-silver ores, radioactive wastes of uranium ores, and wastes of phosphate and potash ores. The updated second edition includes new case studies; presents crucial aspects of mine wastes as scientific issues; reflects major developments and contemporary issues in mine waste science; additional figures; and an updated reference list. This collection of articles offers a new and compelling perspective on the interface connecting
syntax, phonology, semantics and pragmatics. At the core of this volume is the hypothesis that information structure represents the common interface of these grammatical components. Information structure is investigated here from different theoretical viewpoints yielding typologically relevant information and structural generalizations. In the volume's introductory chapter, the editors identify two central approaches to information structure: the formal and the interpretive view. The remainder of the book is organized accordingly. The first part examines information structure and grammar, concentrating on generalizations across languages. The second part investigates information structure and pragmatics, concentrating on clause structure and context. Through concrete analyses of topic, focus, and related phenomena across different languages, the contributors add new and convincing evidence to the research on information structure.

- Deutsch Aktuell 1
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- Deutsch Aktuell
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- The Diary Of A Young Girl
- Resource Management In Wireless Networking
• Mine Wastes
• Themen Aktuell
• The Emperors New Mind
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• Alternative Breast Imaging
• Deutsch Heute
• On Information Structure Meaning And Form
• Syntax Within The Word
• Themen 1 Aktuell
• Essential German Grammar
• The World Factbook 2003
• Economics Of Strategy
• Life Upper Intermediate Students Book With App Code
• Lectures On Computation
• Themen Aktuell 1
• Themen Aktuell 1
• Granular Gas Dynamics
• A Practice Grammar Of German Aktuell
• Themen Aktuell
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• How To Avoid A Climate Disaster
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