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HCS12 Microcontroller and Embedded Systems Using Assembly and C with CodeWarrior - Muhammad Ali Mazidi 2009

HCS12 Microcontroller and Embedded Systems: Using Assembly and C with CodeWarrior, 1e features a systematic, step-by-step approach to covering various aspects of HCS12 C and Assembly language programming and interfacing. The text features several examples and sample programs that provide students with opportunities to learn by doing. Review questions are provided at the end of each section to reinforce the main points of the section. Students not only develop a strong foundation of Assembly language programming, they develop a comprehensive understanding of HCS12 interfacing. In doing so, they develop the knowledge background they need to understand the design and interfacing of microcontroller-based embedded systems. This book can also be used by practicing technicians, hardware engineers, computer scientists, and hobbyists. It is an ideal source for those wanting to move away from 68HC11 to a more powerful chip.

Sheep & Man - Michael Lawson Ryder 1983

No Marketing Blurb

Distributed Creativity - Vlad Petre Glăveanu 2014-03-28

This book challenges the standard view that creativity comes only from within an individual by arguing that creativity also exists 'outside' of the mind or more precisely, that the human mind extends through the means of action into the world. The notion of 'distributed creativity' is not commonly used within the literature and yet it has the potential to revolutionise the way we think about creativity, from how we define and measure it to what we can practically do to foster and develop creativity. Drawing on cultural psychology, ecological psychology and advances in cognitive science, this book offers a basic framework for the study of distributed creativity that considers three main dimensions of creative work: sociality, materiality and temporality. Starting from the premise that creativity is distributed between people, between people and objects and across time, the book reviews theories and empirical examples that help us unpack each of these dimensions and above all, articulate them into a novel and meaningful conception of creativity as a simultaneously psychological and socio-material process. The volume concludes by examining the practical implications in adopting this perspective on creativity.

A New English Dictionary on Historical Principles - James Augustus Henry Murray 1893

A Handbook of Phonetics - Henry Sweet 1877

Global Agro-Ecological Zones (GAEZ v4) - Data Portal user's guide

- Food and Agriculture Organization of the United Nations 2021-06-11

The International Institute for Applied Systems Analysis (IIASA) and the Food and Agriculture Organization of the United Nations (FAO) have been continuously developing the Agro-Ecological Zones (AEZ) methodology over the past 40 years for assessing agricultural resources potentials. With each update of GAEZ, the issues addressed, the size of the database and the increased result options are part of new GAEZv4 Data Portals providing interactive access of data and results to users.

This user Guide provides information and examples on how to navigate through the platform and extract the needed information. The user guide provides information about (1) basic information about the data limitation and the disclaimer, (2) GAEZ Data Searching, (3) Navigation menu, (4) Dataset Selection, (5) GAEZ mapping interface, (6) GAEZ data portal login and download.

Aggression and War - Jo Groebel 1989-03-23

Derived from a meeting of natural and social scientists, this interdisciplinary book aims to summarize the main issues regarding the problem of human aggression, as well as human beliefs about the subject. This study brings together internationally known authorities and presents their recent contributions which range in complexity from the physiological to individual aggression, group conflict and international

war. The study concludes with a multi-level approach to the problems of aggression and war. In nontechnical language suitable for general science readers, the book provides a valuable framework for the development of ideas and new attitudes in a field rife with misconceptions.

The First Steps of Animal Domestication - International Council for Archaeozoology. Conference 2005

It is no exaggeration to suggest that the domestication of animals was perhaps one of the most important developments in human history. It is a phenomenon that has transformed human life over the last 15,000 years, with the term 'domestic animal' being a familiar one to every person on the planet.

Red Panda - Angela R. Glatston 2010-11-25

Red Panda: Biology and Conservation of the First Panda provides a broad-based overview of the biology of the red panda, *Ailurus fulgens*. A carnivore that feeds almost entirely on vegetable material and is colored chestnut red, chocolate brown and cream rather than the expected black and white. This book gathers all the information that is available on the red panda both from the field and captivity as well as from cultural aspects, and attempts to answer that most fundamental of questions, "What is a red panda?" Scientists have long focused on the red panda's controversial taxonomy. Is it in fact an Old World procyonid, a very strange bear or simply a panda? All of these hypotheses are addressed in an attempt to classify a unique species and provide an in-depth look at the scientific and conservation-based issues urgently facing the red panda today. *Red Panda* not only presents an overview of the current state of our knowledge about this intriguing species but it is also intended to bring the red panda out of obscurity and into the spotlight of public attention. Wide-ranging account of the red panda (*Ailurus fulgens*) covers all the information that is available on this species both in and ex situ. Discusses the status of the species in the wild, examines how human activities impact on their habitat, and develops projections to translate this in terms of overall panda numbers. Reports on status in the wild, looks at conservation issues and considers the future of this unique species. Includes contributions from long-standing red panda experts as well as those specializing in fields involving cutting-edge red panda research.

Sustainable Surface Water Management - Susanne M. Charlesworth 2016-09-13

Sustainable Surface Water Management: a handbook for SUDS addresses issues as diverse as flooding, water quality, amenity and biodiversity but also mitigation of, and adaptation to, global climate change, human health benefits and reduction in energy use. Chapters are included to cover issues from around the world, but they also address particular designs associated with the implementation of SUDS in tropical areas, problems with retrofitting SUDS devices, SUDS modelling, water harvesting in drought-stricken countries using SUDS and the inclusion of SUDS in the climate change strategies of such cities as Tokyo, New York and Strasbourg.

The Organometallic Chemistry of the Transition Metals - Robert H. Crabtree 2005-06-14

Fully updated and expanded to reflect recent advances, this Fourth Edition of the classic text provides students and professional chemists with an excellent introduction to the principles and general properties of organometallic compounds, as well as including practical information on reaction mechanisms and detailed descriptions of contemporary applications.

Modern Technologies for Landslide Monitoring and Prediction - Marco Scaioni 2015-01-23

Modern Technologies for Landslide Investigation and Prediction presents eleven contributed chapters from Chinese and Italian authors, as a follow-up of a bilateral workshop held in Shanghai on September 2013. Chapters are organized in three main parts: ground-based monitoring techniques (photogrammetry, terrestrial laser scanning, ground-based

InSAR, infrared thermography, and GNSS networks), geophysical (passive seismic sensor networks) and geotechnical methods (SPH and SLIDE), and satellite remote-sensing techniques (InSAR and optical images). Authors of these contributes are internationally-recognized experts in their respective research fields. Marco Scaioni works in the college of Surveying and Geo-Informatics at Tongji University, Shanghai (P.R. China). His research fields are mainly Close-range Photogrammetry, Terrestrial Laser Scanning, and other ground-based sensors for metrological and deformation monitoring applications to structural engineering and geosciences. In the period 2012-2016 he is chairman of the Working Group V/3 in the International Society for Photogrammetry and Remote Sensing, focusing on 'Terrestrial 3D Imaging and Sensors'.

Nurse Notebook - Extrem Design 2019-11-21

The book has 120 white pages with dot matrix that will help you while writing and sketching but at the same time gives you enough freedom for notes and other ideas. It comes in handy format 6x9 inches (equivalent to DIN A5). The Nurse Notebook is for those who have a Fable for Medicine or Cure. The Nurse Notebook is versatile, notepad inserts, personal achievements, birthday appointments, your thoughts or other notes of your choice. Use it on holiday as a holiday diary or as a gratitude diary. No matter if motivation, tokens, appointments or notes with this space-saving notebook no wish remains open. For leisure, hobbies or work, this small but fine notebook is always and everywhere suitable for things, ideas or thoughts that want to be noted, e.g. as a thought support or for organizing tasks. Whether for yourself or as a gift for men and women, partners, friends, mums and dads or work colleagues. Especially suitable for birthdays, for Christmas or just as a nice attention for your loved one.

Principles of Physical Biochemistry - Kensal Edward Van Holde 2006

The Second Edition of Principles of Physical Biochemistry provides the most current look at the theory and techniques used in the study of the physical chemistry of biological and biochemical molecules--including discussion of mass spectrometry and single-molecule methods. As leading experts in biophysical chemistry, these well-known authors offer unique insights and coverage not available elsewhere. Physical techniques currently used by practicing biochemists, including new chapters dedicated to extended material on mass spectrometry and single-molecule methods are included. The book's streamlined organization groups all hydrodynamic methods in Chapter 5 and combines Raman spectroscopy with the spectroscopy section. Relevant problems and applications help readers develop critical-thinking skills that they can apply to real biochemical and biological situations facing professionals in the industry. Biological Macromolecules; Thermodynamics and Biochemistry; Molecular Thermodynamics; Statistical Thermodynamics; Methods for the Separation and Characterization of Macromolecules; X-Ray Diffraction; Scattering From Solutions of Macromolecules; Quantum Mechanics and Spectroscopy; Absorption Spectroscopy; Linear and Circular Dichroism; Emission Spectroscopy; Nuclear Magnetic Resonance Spectroscopy; Macromolecules in Solution: Thermodynamics and Equilibria; Chemical Equilibria Involving Macromolecules; Mass Spectrometry of Macromolecules; Single-Molecule Methods. A useful reference for biochemistry professionals or for anyone interested in learning more about biochemistry.

A letter to ... lord Ashburton, suggested by the questions of international law, raised in the message of the American president - sir Robert Joseph Phillimore (1st bart.) 1842

Procurement at a Crossroads - Jon Hansen 2015

Foreword by David Clevenger, Senior Vice President of Strategy and Organizational Development at Corporate United, and six-time honoree of the Inc. 5000. The procurement profession is at a major crossroads. Practitioners are responding to pressure from executive leadership to become more strategic, in some cases eliminating tactical work through outsourcing or automation. At the same time, performance metrics emphasize the need to continue negotiating savings and managing supplier performance. Procurement at a Crossroads: Career-Impacting Insights into a Rapidly Changing Industry aids practitioners in developing a vision for their medium- and long-term career goals, and shows them how to balance the need to become more strategic while outperforming tactical expectations.

The ARRL General Class License Manual - American Radio Relay League 2004

Electrophoretic Techniques - Colin F. Simpson 1983

Quantum-Mechanical Prediction of Thermochemical Data - Jerzy Cioslowski 2006-04-11

For the first time in the history of chemical sciences, theoretical predictions have achieved the level of reliability that allows them to - val experimental measurements in accuracy on a routine basis. Only a decade ago, such a statement would be valid only with severe qualifications as high-level quantum-chemical calculations were feasible only for molecules composed of a few atoms. Improvements in both hardware performance and the level of sophistication of electronic structure methods have contributed equally to this impressive progress that has taken place only recently. The contemporary chemist interested in predicting thermochemical properties such as the standard enthalpy of formation has at his disposal a wide selection of theoretical approaches, differing in the range of applicability, computational cost, and the expected accuracy. Ranging from high-level treatments of electron correlation used in conjunction with extrapolative schemes to semiempirical methods, these approaches have well-known advantages and shortcomings that determine their usefulness in studies of particular types of chemical species. The growing number of published computational schemes and their variants, testing sets, and performance statistics often makes it difficult for a scientist not well versed in the language of quantum theory to identify the method most adequate for his research needs.

A Guide to Establishing a National Haemovigilance System - World Health Organization 2017-07-28

Haemovigilance includes the monitoring, reporting, investigation, and analysis of adverse events related to the donation, processing, and transfusion of blood and taking actions to prevent their occurrence or recurrence. The document aims to support countries in establishing effective national systems for haemovigilance throughout the transfusion chain. It provides policy guidance on establishing a haemovigilance system as part of the national blood and health systems and includes technical information and guidance on the specific measures and actions necessary for implementing a haemovigilance system. This document is intended for ministries of health; bodies responsible for policy-making on blood safety, such as national blood commissions or councils; regulatory agencies; public health institutions; blood transfusion services, blood centers, and plasma collection centers; hospitals, including hospital blood banks or health care facilities where transfusion takes place; blood donor organizations and other nongovernmental organizations involved in blood donor education and recruitment; patient groups; scientific and professional bodies; and developmental partners and international organizations.

PCR Mutation Detection Protocols - Bimal D.M. Theophilus 2011-04-06

Since the publication of the popular first edition, the explosion of DNA sequence information, the access to bioinformatics and mutation databases coupled with the ability to readily detect and confirm mutations has cemented the role of molecular diagnostics in medicine and, in particular, mutation detection by the polymerase chain reaction (PCR). In PCR Mutation Detection Protocols, Second Edition, expert researchers bring the subject up-to-date with key protocols involving the PCR and its many various incarnations such as SSCP, CSGE, and dHPLC. The volume also addresses key areas such as Southern blotting, accurate diagnostics with high throughput, as well as microarray systems. Written in the highly successful Methods in Molecular Biology™ series format, chapters include brief introductions their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and notes which provide the often hard to find information that may mean the difference between the success and failure of the method. Authoritative and cutting-edge, PCR Mutation Detection Protocols, Second Edition aims to stimulate postgraduate scientists, researchers, and clinicians already engaged in the area and to provide an important first step for those new to this practice wanting to adopt the powerful and essential technique in their own laboratories.

Pavement Maintenance Management - 1983

How To Diagnose and Repair Automotive Electrical Systems - Tracy Martin 2005

Stormwater Collection Systems Design Handbook - Larry Mays 2001-04-26

* A comprehensive overview of stormwater and wastewater collection methods from around the world, written by leading experts in the field * Includes detailed analysis of system designs, operation, maintenance and

rehabilitation * The most complete reference available on the subject
Author Catalog - Library of Congress 1953

The Corrective Action Handbook, Second Edition - Denise E. Robitaille 2001-12

If the term "management review" conjures up visions of a wasteful and burdensome ordeal, *The Management Review Handbook* is just what you need to add value to your review process. *The Management Review Handbook* provides managers with a simple explanation of how to effectively document, implement, and maintain a management review process. Denise Robitaille's book is an excellent guide to management review for anyone involved in the process. The book's precepts hold true for any size company across a wide spectrum of industries and organizations. The tools found in the handbook can be used by top management, ISO 9001 coordinators, production supervisors, customer service managers, quality technicians, or anyone else involved in the management review process. Plus, the book includes sample forms that aid in the management review process. The forms may be photocopied. They include: * Management review agenda * Data analysis planning worksheet * Action item checklist * Customer contact form

Geotechnical Instrumentation for Monitoring Field Performance - John Dunicliff 1993-10-06

The first book on the subject written by a practitioner for practitioners. *Geotechnical Instrumentation for Monitoring Field Performance* goes far beyond a mere summary of the technical literature and manufacturers' brochures: it guides reader through the entire geotechnical instrumentation process, showing them when to monitor safety and performance, and how to do it well. This comprehensive guide: * Describes the critical steps of planning monitoring programs using geotechnical instrumentation, including what benefits can be achieved and how construction specifications should be written * Describes and evaluates monitoring methods and recommends instruments for monitoring groundwater pressure, deformations, total stress in soil, stress change in rock, temperature, and load and strain in structural members * Offers detailed practical guidelines on instrument calibrations, installation and maintenance, and on the collection, processing, and interpretation of instrumentation data * Describes the role of geotechnical instrumentation during the construction and operation phases of civil engineering projects, including braced excavations, embankments on soft ground, embankment dams, excavated and natural slopes, underground excavations, driving piles, and drilled shafts * Provides guidelines throughout the book on the best practices
Bradstreet's Weekly - 1925

Practical Cloud Security - Melvin B. Greer, Jr. 2016-08-05

Melvin Greer and Kevin Jackson have assembled a comprehensive guide to industry-specific cybersecurity threats and provide a detailed risk management framework required to mitigate business risk associated with the adoption of cloud computing. This book can serve multiple purposes, not the least of which is documenting the breadth and severity of the challenges that today's enterprises face, and the breadth of programmatic elements required to address these challenges. This has become a boardroom issue: Executives must not only exploit the potential of information technologies, but manage their potential risks.

Implementing Automated Road Transport Systems in Urban Settings - Adriano Alessandrini 2018-04-13

Implementing Automated Road Transport Systems in Urban Settings provides valuable, objective, often difficult-to-obtain data, gleaned from the largest demonstration project on automated road transport systems (ARTS) in the world to date. The book features chapters authored by those deeply involved in CityMobil2—providing an easily accessible, cross-referenced resource for data and information on each aspect of the project. Chapters cover vehicle technical specifications, infrastructure analysis, operating systems, future scenario analysis, automated and conventional vehicle comparisons, and legal frameworks for system implementation. The book examines project field tests, showing the technology's adaptability and different requirements based on geographic location. Government officials, researchers, and transportation practitioners require real-world data and analysis in their efforts to bring automated and intelligent transport systems into the mainstream. The CityMobil2 demonstration transported more than 60,000 passengers in seven European cities, providing immense amounts of feedback and data to be analyzed. The book provides international expert opinion on this real-world data, highlighting the strengths and

weaknesses of the project, as well as providing comparisons to both past and planned ARTS demonstration initiatives. The technical specifications developed from the project will help cities considering similar ARTS initiatives. Presents real-world data and valuable analysis from CityMobil2, the world's largest demonstration project on automated road transport systems (ARTS) Assists policy makers seeking to implement their own ARTS, providing technical specifications, infrastructure analysis, as well as legal considerations Features a companion website with links to CityMobil2 demonstration videos, as well as links to detailed project documents Presents findings from CityMobil2, such as effects on daily trips per capita, average journey distance, and occupancy rate, and how they can affect the development of future ARTS projects Provides future ARTS scenario analysis, with information on planned, similar demonstrations

Global Agro-Ecological Zones v4 - Model documentation - Fischer, G., Nachtergaele, F.O., van Velthuizen, H.T., Chiozza, F., Franceschini, G., Henry, M., Muchoney, D., Tramberend, S. 2021-05-26

This publication provides the GAEZ v4 model documentation for (1) Agro-climatic analysis, (2) Crop biomass and yield calculations, (3) Land Utilization Types, (4) Observed phenology and crop calendars, (5) Temperature sum and temperature profile constraint-factors, (6) Crop-specific water requirements, (7) Soil-water balance, (8) Agro-climatic constraints, (9) Agro-edaphic constraints more crops, (10) Agro-ecological crop potentials, (11) Actual crop production and yields, (12) Yield and production gaps. This GAEZ v4 model documentation summarizes information on the structure of GAEZ methodology and provides information on updates of input data and model procedures from GAEZ v3.

Finance Unleashed - Magnus Lind 2017-10-26

Fast moving, to the point, and rooted in first-hand executive experiences, this book is for people of vision and action, and for creating the conditions required for growth, innovation, and increased competitive advantage. *Finance Unleashed* is based on a series of interactive interviews with a diverse group of global influencers and executives, all of which will challenge readers to think laterally and find inspiration in the new role of finance. Cases and interviewees represent organizations such as UPS and DHL, and the London School of Economics, and approaches such as Lean Six Sigma, innovation, customer-centricity, the financial supply chain, and behavioral procurement. The authors' goal is to serve as a catalyst for leaders who are positioned to make meaningful changes today. The book includes a practical model to help executive teams redesign and refocus finance to drive business leadership - with an emphasis on the CFO. The model has three primary components: 1) Customer-Centricity - Listen and Map; 2) Process - Structure and Technology; and 3) Innovation - Create and Measure. These are presented as phases that each executive team will need to consider based on the goals and maturity level of their organization. For the CFO and ambitious finance executives, *Finance Unleashed* presents a path forward towards success and career advancement. For the CEO and the board, it presents an expanded vision for what financial organizations are capable of.

Speak Cantonese - Parker Po-Fei 1914- Huang 2021-09-09

This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. To ensure a quality reading experience, this work has been proofread and republished using a format that seamlessly blends the original graphical elements with text in an easy-to-read typeface. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

The William Ward Genealogy; the History of the Descendants of William Ward of Sudbury, Mass., 1638-1925 - Charles Martyn 1925

The Rural Life - Verlyn Klinkenborg 2007-09-03

The hugely admired author of "The Last Fine Time" preserves and makes new the sights, smells, sounds, and poetry of country living. Klinkenborg reveals the beauty of the American landscape, not from a scenic overlook, but through a screened-in porch or from the window of a pickup driving down an empty highway in the teeth of an approaching storm.

Supply Market Intelligence for Procurement Professionals -

Jeanette Jones 2014-11

This reference provides procurement professionals with the process, practical real-world tactics, and guidance needed to design and develop a supply market intelligence program that will integrate with existing procurement team structures and processes, and deliver significant value to an organization as a whole. The authors clearly explain each of the concepts introduced and then provide the background, steps, and resources required to make their successful execution possible.

Water Resources in the Built Environment -

Colin A. Booth 2014-03-31

Water management is a key environmental issue in controlling offloods and reducing droughts. This book provides analysis of the main issues, offering solutions and describing good practice. *Water Resources for the Built Environment: management issues and solutions* develops an appreciation of the diverse, complex and current themes of the water resources debate across the built environment, urban development and management continuum. The integration of physical and environmental sciences, combined with social, economic and political sciences, provide a unique resource, useful to policy experts, scientists, engineers and subject enthusiasts. By taking an interdisciplinary approach, water resources issues and impacts on the built environment are presented in the inventive and strategic setting of considering the constraints of delivering potable water to an ever-demanding society who, at the same time, are increasingly aware of living in an urban landscape where excessive surface water creates a flood-threatened environment - hence, the need to portray a balance between 'too little vs. too much'. This unique approach to the water resources debate presents a multifaceted collection of chapters that address the contemporary concomitant issues of water shortage and urban flooding and proffers solutions specifically for the built environment. The book is structured into three parts: the first part (Sections 2, 3 and 4) addresses management issues and solutions to minimise water shortages and provide water security for society; whilst the second part of the book (Sections 5 and 6) addresses management issues and solutions to control excessive rainfall and minimise flooding impacts. The third part (Section 7) contextualises the issues of the earlier sections within international case studies from the developing world.

Protocols in Human Molecular Genetics -

Christopher G. Mathew 2008-02-03

Extraordinary advances have been made in the field of human molecular genetics during the past five years. The ability to amplify a specific region of DNA a millionfold in a few hours using the polymerase chain reaction has led to the rapid identification of mutations in human disease and of DNA sequence polymorphisms on every human chromosome. DNA fragments of up to 1 megabase in length can now be resolved by pulsed-

field gel electrophoresis to create long-range physical maps of important regions of the genome, and can be cloned in the form of yeast artificial chromosomes. The discovery of highly variable "minisatellite" DNA sequences has led to the development of DNA fingerprinting. The application of these techniques to the study of the human genome has culminated in major advances such as the cloning of the cystic fibrosis gene, the construction of genetic linkage maps of each human chromosome, the mapping of many genes responsible for human inherited disorders, genetic fingerprinting of forensic specimens, and the detection of mutations involved in the development of human tumors. Although many of the new techniques in molecular genetics can be learned relatively easily, it is often difficult for a researcher to obtain all of the relevant information necessary for getting up a technique and applying it successfully. The information available in the research literature often lacks the depth of description that the new user requires.

Sustainable Water Engineering -

Susanne Charlesworth 2020-11-27

Sustainable Water Engineering introduces the latest thinking from academic, stakeholder and practitioner perspectives who address challenges around flooding, water quality issues, water supply, environmental quality and the future for sustainable water engineering. In addition, the book addresses historical legacies, strategies at multiple scales, governance and policy. Offers well-structured content that is strategic in its approach. Covers up-to-date issues and examples from both developed and developing nations. Include the latest research in the field that is ideal for undergraduates and post-graduate researchers. Presents real world applications, showing how engineers, environmental consultancies and international institutions can use the concepts and strategies.

Interaction in the Language Curriculum -

Leo Van Lier 2014-06-03

Interaction in the Language Curriculum offers an innovative theory of language education integrating curriculum practice, research and teaching. It emphasises the interdependence of knowledge and values and stresses the central importance of learning as a social process. Leo van Lier argues that moral as well as intellectual and practical principles must underlie curriculum development and everyday teaching, captured in his triple focus on Awareness, Autonomy, and Authenticity. In addition to its rich grounding in language education practice, the book draws support for his position from diverse sources in sociology, philosophy and cognitive science, from the work of Bourdieu, Giddens, Wittgenstein, Peirce, Vygotsky, Bakhtin, and Dewey. In the current broadening context of language education this study makes an important contribution to research. It presents a coherent philosophical theory as well as considering practical issues in implementation of a new language curriculum. As such, it will be of great benefit to teachers, applied linguists and educationalists generally.