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## KEY=IMPULSIVE - JUNE MICHAEL

**The Impulsive Imp** *Createspace Independent Pub* A mischievous imp, born from an enchanted splinter, causes mayhem when he steals items and it is blamed on the brother and sister of the house. **The IMP Scale A Tentative Unidimensional Measure of Impulsivity/self-control The Imps of Impulsivity Approximate Solutions of Impulsive Hyperbolic Equations** *Academic Publishers* **The Engineering Dynamics Course Companion, Part 1 ParticlesKinematics and Kinetics** *Springer Nature* Engineering Dynamics Course Companion, Part 1: Particles: Kinematics and Kinetics is a supplemental textbook intended to assist students, especially visual learners, in their approach to Sophomore-level Engineering Dynamics. This text covers particle kinematics and kinetics and emphasizes Newtonian Mechanics "Problem Solving Skills" in an accessible and fun format, organized to coincide with the first half of a semester schedule many instructors choose, and supplied with numerous example problems. While this book addresses Particle Dynamics, a separate book (Part 2) is available that covers Rigid Body Dynamics. **The Handbook of Personality Dynamics and Processes** *Academic Press* The Handbook of Personality Dynamics and Processes is a primer to the basic and most important concepts, theories, methods, empirical findings, and applications of personality dynamics and processes. This book details how personality psychology has evolved from descriptive research to a more explanatory and dynamic science of personality, thus bridging structure- and process-based approaches, and it also reflects personality psychology's interest in the dynamic organization and interplay of thoughts, feelings, desires, and actions within persons who are always embedded into social, cultural and historic contexts. The Handbook of Personality Dynamics and Processes tackles each topic with a range of methods geared towards assessing and analyzing their dynamic nature, such as ecological momentary sampling of personality manifestations in real-life; dynamic modeling of time-series or longitudinal personality data; network modeling and simulation; and systems-theoretical models of dynamic processes. Ties topics and methods together for a more dynamic understanding of personality Summarizes existing knowledge and insights of personality dynamics and processes Covers a broad compilation of cutting-edge insights Addresses the biophysiological and social mechanisms underlying the expression and effects of personality Examines within-person consistency and variability **The Effect of Intralist Similarity and Impulsive-reflective Conceptual Tempo on Kindergarten Pupils' Rate of Word Acquisition and Word Recognition Skill Biomechanical Basis of Human Movement** *Lippincott Williams & Wilkins* Biomechanical Basis of Human Movement integrates basic anatomy, physics, calculus, and physiology for the study of human movement. The book provides a uniquely quantitative approach to biomechanics, and is organized into three parts: Foundations of Human Movement, Functional Anatomy, and Mechanical Analysis of Human Motion. New to this edition: basic mathematics information, increased practical applications, and a new chapter on emphasizing techniques for measuring the strength of human tissue. Now every copy of the book comes with Innovision Systems' MaxTRAQ software specially customized for Biomechanical Basis of Human Movement, Second Edition. This downloadable motion analysis software offers you an easy to use tool to track data and analyze various motions selected by the authors. **Mathematical Modeling of Discontinuous Processes** *Scientific Research Publishing, Inc. USA* In this monograph as a mathematical apparatus are used and investigated several classes of differential equations. The most significant feature of these differential equations is the presence of impulsive effects. The main goals and the results achieved in the monograph are related to the use of this class of equation for an adequate description of the dynamics of several types of processes that are subject to discrete external interventions and change the speed of development. In all proposed models the following requirements have met: 1) Presented and studied mathematical models in the book are extensions of existing known in the literature models of real objects and related processes. 2) Generalizations of the studied models are related to the admission of external impulsive effects, which lead to "jump-like" change the quantity characteristics of the described object as well as the rate of its modification. 3) Sufficient conditions which guarantee certain qualities of the dynamics of the quantities of the modeled objects are found. 4) Studies of the qualities of the modification of the modeled objects are possible to be successful by differential equations with variable structure and impulsive effects. 5) The considerations relating to the existence of the studied properties of dynamic objects cannot be realized without introducing new concepts and proving of appropriate theorems. The main objectives can be conditionally divided into several parts: 1) New classes of differential equations with variable structure and impulses are introduced and studied; 2) Specific properties of the above-mentioned class of differential equations are introduced and studied. The present monograph consists of an introduction and seven chapters. Each chapter contains several sections. **Merchant Vessels of the United States Circuits, Signals, and Systems** *MIT Press* These twenty lectures have been developed and refined by Professor Siebert during the more than two decades he has been teaching introductory Signals and Systems courses at MIT. The lectures are designed to pursue a variety of goals in parallel: to familiarize students with the properties of a fundamental set of analytical tools; to show how these tools can be applied to help understand many important concepts and devices in modern communication and control engineering practice; to explore some of the mathematical issues behind the powers and limitations of these tools; and to begin the development of the vocabulary and grammar, common images and metaphors, of a general language of signal and system theory. Although broadly organized as a series of lectures, many more topics and examples (as well as a large set of unusual problems and laboratory exercises) are included in the book than would be presented orally. Extensive use is made throughout of knowledge acquired in early courses in elementary electrical and electronic circuits and differential equations. Contents: Review of the "classical" formulation and solution of dynamic equations for simple electrical circuits; The unilateral Laplace transform and its applications; System functions; Poles and zeros; Interconnected systems and feedback; The dynamics of feedback systems; Discrete-time signals and linear difference equations; The unilateral Z-transform and its applications; The unit-sample response and discrete-time convolution; Convolutional representations of continuous-time systems; Impulses and the superposition integral; Frequency-domain methods for general LTI systems; Fourier series; Fourier transforms and Fourier's theorem; Sampling in time and frequency; Filters, real and ideal; Duration, rise-time and bandwidth relationships: The uncertainty principle; Bandpass operations and analog communication systems; Fourier transforms in discrete-time systems; Random Signals; Modern communication systems. William Siebert is Ford Professor of Engineering at MIT. Circuits, Signals, and Systems is included in The MIT Press Series in Electrical Engineering and Computer Science, copublished with McGraw-Hill. **The John Coltrane Reference** *Routledge* The BBC's Jazz Book of the Year for 2008. Few jazz musicians have had the lasting influence or attracted as much scholarly study as John Coltrane. Yet, despite dozens of books, hundreds of articles, and his own recorded legacy, the "facts" about Coltrane's life and work have never been definitely established. Well-known Coltrane biographer and jazz educator Lewis Porter has assembled an international team of scholars to write The John Coltrane Reference, an indispensable guide to the life and music of John Coltrane. The John Coltrane Reference features a a day-by-day chronology, which extends from 1926-1967, detailing Coltrane's early years and every live performance given by Coltrane as either a sideman or leader, and a discography offering full session information from the first year of recordings, 1946, to the last, 1967. The appendices list every film and television appearance, as well as every recorded interview. Richly illustrated with over 250 album covers and photos from the collection of Yasuhiro Fujioka, The John Coltrane Reference will find a place in every major library supporting a jazz studies program, as well as John Coltrane enthusiasts. **The ADHD Toolkit** *SAGE Publications* Are you struggling with students who have ADHD (Attention-Deficit Hyperactivity Disorder)? There is likely to be at least one student in any mainstream class with ADHD, an evolving concept that affects pupils' learning, concentration, behaviour and social relationships. In order to offer effective support and maximize the learning potential of all students in your classroom you will need to understand the different needs of all children, but perhaps especially those with ADHD. With sections covering the background to ADHD, the school setting and the wider context of home life, this complete resource ensures excellent practice for working with students with ADHD. It provides: - examples of successful tried-and-tested strategies - activities to use with children - checklists - information on referral pathways - advice on working with parents - case studies to facilitate discussion A substantial bank of electronic resource materials is available from the SAGE website to use with the book, including PowerPoint presentations and a range of photocopiable sheets. Packed with the most up-to-date information and rooted in real-life examples from the author's own experiences and research, this is the complete resource you need to help you work successfully with students who have ADHD. Every class teacher, SENCO and teaching assistant in a primary or secondary school will find this an invaluable and supportive guide. Linda Wheeler is an independent education consultant and researcher, having been for many years a teacher in both mainstream and special schools. She is currently a part-time Lecturer at the University of Worcester. **Personality Traits and Drug Consumption A Story Told by Data** *Springer* This book discusses the psychological traits associated with drug consumption through the statistical analysis of a new database with information on 1885 respondents and use of 18 drugs. After reviewing published works on the psychological profiles of drug users and describing the data mining and machine learning methods used, it demonstrates that the personality traits (five factor model, impulsivity, and sensation seeking) together with simple demographic data make it possible to predict the risk of consumption of individual drugs with a sensitivity and specificity above 70% for most drugs. It also analyzes the correlations of use of different substances and describes the groups of drugs with correlated use, identifying significant differences in personality profiles for users of different drugs. The book is intended for advanced undergraduates and first-year PhD students, as well as researchers and practitioners. Although no previous knowledge of machine learning, advanced data mining concepts or modern psychology of personality is assumed, familiarity with basic statistics and some experience in the use of probabilities would be helpful. For a more detailed introduction to statistical methods, the book provides recommendations for undergraduate textbooks. **The Poe Encyclopedia** *Greenwood Publishing Group* More than 1900 alphabetically arranged entries survey every aspect of Poe's life and work. **On the Psychobiology of Personality Essays in Honor of Marvin Zuckerman** *Elsevier* Zuckerman received his Ph.D. in psychology from New York University, Graduate School of Arts and Science in 1954 with a specialization in clinical psychology. After graduation, he worked for three years as a clinical psychologist in state hospitals in Norwich, Connecticut and Indianapolis, Indiana. While in the latter position the Institute for Psychiatric Research was opened in the same medical center where he was working as a clinical psychologist. He obtained a position there with a joint appointment in the department of psychiatry. This was his first interdisciplinary experience with other researchers in psychiatry, biochemistry, psychopharmacology, and psychology. His first research areas were personality assessment and the relation between parental attitudes and psychopathology. During this time, he developed the first real trait-state test for affects, starting with the Affect Adjective Check List for anxiety and then broadening it to a three-factor trait-state test including anxiety, depression, and hostility (Multiple Affect Adjective Check List). Later, positive affect scales were added. Toward the end of his years at the institute, the first reports of the effects of sensory deprivation appeared and he began his own experiments in this field. These experiments, supported by grants from NIMH, occupied him for the next 10 years during his time at Brooklyn College, Adelphi University, and the research labs at Albert Einstein Medical Center in Philadelphia. This last job was his second interdisciplinary experience working in close collaboration with Harold Persky who added measures of hormonal changes to the sensory deprivation experiments. He collaborated with Persky in studies of hormonal changes during experimentally (hypnotically) induced emotions. During his time at Einstein, he established relationships with other principal investigators in the area of sensory deprivation and they collaborated on the book Sensory Deprivation: 15 years of research edited by John Zubek (1969). His chapter on theoretical constructs contained the idea of using individual differences in optimal levels of stimulation and arousal as an explanation for some of the variations in response to sensory deprivation. The first sensation seeking scale (SSS) had been developed in the early 1960's based on these constructs. At the time of his move to the University of Delaware in 1969, he turned his full attention to the SSS as the operational measure of the optimal level constructs. This was the time of the drug and sexual revolutions on and off campuses and research relating experience in these areas to the basic trait paid off and is continuing to this day in many laboratories. Two books have been written on this topic: Sensation Seeking: Beyond the Optimal Level of Arousal, 1979; Behavioral Expressions and Biosocial Bases of Sensation Seeking, 1994. Research on sensation seeking in America and countries around the world continues at an unabated level of journal articles, several hundred appearing since the 1994 book on the subject. **The Clinical Interpretation of MMPI-2 A Content Cluster Approach** *Routledge* In a managed care era, the MMPI-2 is becoming an overloaded workhorse, required to generate more and more of the assessments that a battery of instruments once did. Though all now rely on the MMPI-2 for good reasons, and the MMPI has fallen out of use entirely, some important and clinically useful scales were lost in the transition. Edward Gotts and Thomas Knudsen have recovered these scales and integrated them with all the standard MMPI-2 scales, the recently published Restructured Clinical Scales, and a number of scales they have constructed to assess positive strengths and coping abilities,

and response consistency-inconsistency. This book lays out their new Content Cluster interpretive approach. Drawing on data from a large psychiatric inpatient sample, they present item composition, reliability, and validity information for each recovered and new scale, and convincingly demonstrate that their new Content Cluster approach results in improved prediction and interpretive power. They also show how to conjoin Rorschach and MMPI-2 results in more effective assessment strategies, and how to tie MMPI-2 results to specific DSM-IV criteria. The Clinical Interpretation of the MMPI-2: A Content Cluster Approach offers psychologists essential new tools for clinical and personality assessment. **Magnetodynamic Phenomena in the Solar Atmosphere Prototypes of Stellar Magnetic Activity** *Springer Science & Business Media* These are the Proceedings of Colloquium No. 153 of the International Astro nomical Union, held at Makuhari near Tokyo on May 22 - 26, 1995, and hosted by the National Astronomical Observatory. This meeting was intended to be an interdisciplinary meeting between re searchers of solar and stellar activity, in order for them to exchange the newest information in each field. While each of these areas has seen remarkable advances in recent years, and while the researchers in each field have felt that information from the other's domain would be extremely useful in their own work, there have not been very many opportunities for intensive exchanges of information between these closely related fields. We therefore expected much from this meeting in pro viding stellar researchers with new results of research on the counterparts of their targets of research, spatially and temporarily resolved, as observed on the Sun. Likewise we hoped to provide solar researchers with new results on gigantic ver sions of their targets of research under the very different physical circumstances on other active stars. It was our greatest pleasure that we had wide attendance of experts and active researchers of both research fields from all over the world. This led to extremely interesting talks and very lively discussions, thereby stimulating the exchange of ideas across the fields. **Psychobiology of Personality** *Cambridge University Press* Revised and updated edition of graduate level overview, describing biological basis of behaviour and personality. **Dicks' standard plays The Development of Psychiatry and its Complexity** *Waxmann Verlag* **Foundations of Personality** *Springer Science & Business Media* Differences between people are a fascinating and long-standing area of psychological inquiry. However, previous research has largely been confined to studies at the descriptive level. This book tries to explain individual difference, rather than merely describe them. Explanations are derived from two major competing frameworks: the biological and social approaches to individuality. The book is based on the contributions of specialists from Europe and North America invited to represent the biological and social points of view. Thus, a direct confrontation is obtained of two approaches that, hitherto, have proceeded with virtually no reference to each other. Attention is paid to behavior genetics, psychophysiology and temperament, as well as to social learning, behavioral strategies and person-environment interactions. Differences and commonalities between the biological and social approaches are scrutinized and a common framework is outlined to stimulate future research. Due to its innovative character, the book is particularly relevant for investigators in the field. In addition, it may be fruitfully used in advanced graduate level courses in personality psychology. **Technology and Engineering Applications of Simulink** *BoD – Books on Demand* Building on MATLAB (the language of technical computing), Simulink provides a platform for engineers to plan, model, design, simulate, test and implement complex electromechanical, dynamic control, signal processing and communication systems. Simulink-Matlab combination is very useful for developing algorithms, GUI assisted creation of block diagrams and realisation of interactive simulation based designs. The eleven chapters of the book demonstrate the power and capabilities of Simulink to solve engineering problems with varied degree of complexity in the virtual environment. **Pepper Adams' Joy Road An Annotated Discography** *Scarecrow Press* Pepper Adams' Joy Road not only compiles the sessions and gigs of the greatest baritone saxophone soloist in history, but it's a fascinating overview of Adams' life and times through colorful interviews with Adams and other musicians. These candid observations open a window onto the behind-the-scenes drama that surrounded legendary recordings by John Coltrane, Charles Mingus, Thelonious Monk, Dizzy Gillespie, Duke Pearson, Thad Jones, David Amram, Elvin Jones, and many others. **Books of Abstracts of the 16th World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP) 22–26 August 2004, Berlin, Germany** *Springer Science & Business Media* This book contains all of the abstracts of the 16th World Congress of the Interna tional Association for Child and Adolescent Psychiatry and Allied Professions (IA CAPAP) held in Berlin, Aug 22-26, 2004. The abstracts are arranged according to the type of session (main lecture, state of the art lecture, symposium, workshop, course, or poster exhibition) and the day of the conference. The abstracts of the industry-sponsored sessions are also in cluded. A subject index is provided to help track themes of special interest. The author index allows you to find the abstract authors and the address of the first author for direct contact. The general theme of the congress "Facilitating Pathways: Care, Treatment and Prevention in Child and Adolescent Mental Health" is quite inclusive and the contri butions to the Congress, as reflected in the abstracts, cover the whole range of child and adolescent mental health endeavour, including all modern methods and trends in research and clinical application. The ways we understand and treat our patients are changing rapidly, and this too is reflected in the contributions to this volume, which give state-of-the-art information that should allow us to provide better care, treatment and prevention to children, adolescents and their care-givers everywhere in the world. **Dynamic Stability of Suddenly Loaded Structures** *Springer Science & Business Media* Dynamic instability or dynamic buckling as applied to structures is a term that has been used to describe many classes of problems and many physical phenomena. It is not surprising, then, that the term finds several uses and interpretations among structural mechanicians. Problems of parametric resonance, follower-force, whirling of rotating shafts, fluid-solid interaction, general response of structures to dynamic loads, and several others are all classified under dynamic instability. Many analytical and experimental studies of such problems can be found in several books as either specialized topics or the main theme. Two such classes, parametric resonance and stability of nonconservative systems under static loads (follower-force problems), form the main theme of two books by V. V. Bolotin, which have been translated from Russian. Moreover, treatment of aero elastic instabilities can be found in several textbooks. Finally, analytical and experimental studies of structural elements and systems subjected to intense loads (of very short duration) are the focus of the recent monograph by Lindberg and Florence. The first chapter attempts to classify the various "dynamic instability" phenomena by taking into consideration the nature of the cause, the character of the response, and the history of the problem. Moreover, the various concepts and methodologies as developed and used by the various investigators for estimating critical conditions for suddenly loaded elastic systems are fully described. Chapter 2 demonstrates the concepts and criteria for dynamic stability through simple mechanical models with one and two degrees of freedom. **International Conference on E-Commerce and Contemporary Economic Development** *DEStech Publications, Inc* International Conference on E-Commerce and Contemporary Economic Development (ECED 2014) which will be held on June 7–8, 2014. The ECED 2014 aims to bring together researchers, educators and students from around the world in both industry and academia for sharing the state-of-art research results and applications, for exploring new areas of research and development, and for discussing emerging issues on E-commerce and Contemporary Economic Development fields. 2014 International Conference on E-commerce and Contemporary Economic Development [ECED2014], aims to bring together researchers, engineers, and students from around the world in both fields about E-commerce and Contemporary Economic Development for information sharing and cooperation. Researchers and practitioners are invited to submit their contributions to ECED2014. **NASA Thesaurus Merchant Vessels of the United States... (includes Yachts). Personality Traits** *Cambridge University Press* This essential textbook examines what personality traits are, how they influence human behaviour and the applications of personality assessment. **Dynamic Stability of Structures Application to Frames, Cylindrical Shells and Other Systems** This report deals primarily with extension of the energy-based concepts of dynamic stability, developed earlier for finite-degree-of-freedom systems, to continuous systems. Moreover, the related criteria for dynamic stability are demonstrated through several structural configurations, such as eccentrically loaded simple two-bar frames, geometrically imperfect, thin, cylindrical shells (of stiffened and unstiffened construction) and subjected to uniform axial compression and lateral pressure, and a pinnted, half-sine, shallow arch loaded transversely. All of these systems are subject to violent buckling under static application of the loads. Moreover, the developed concepts are extended, so as to apply to structural systems, which are either subject to smooth buckling or are not subject to buckling at all under static loading. **Empathy, Normalization and De-escalation Management of the Agitated Patient in Emergency and Critical Situations** *Springer Nature* This book describes theory and techniques of empathic communication, normalization and de-escalation procedures for the management of aggressive or violent patients in clinical critical settings'. Consisting of 9 chapters, it discusses in detail the self-regulation of empathy in potential dangerous interactions, as well as common mistakes and nonprofessional reactions. It also explores the basic concept of neurobiology of violence and aggression behaviour, such as brain circuitry and neuromodulators, and other rapid tranquillization guidelines. The final chapter focuses on the crucial topics of post-aggression debriefing.Based on the clinical experience of the editors and authors, who work in emergency psychiatry settings, the book offers practical key expressions to promote a normalization talk, to calm agitated individuals, and to prevent crises both for psychiatric patients and people without mental disorders. It is a useful tool to help readers gain confidence as mediators in critical circumstances and will be of interest for a wide range of practitioners in healthcare settings, from psychiatrists and psychologists, to nurses and other healthcare workers. **DSP for MATLABTM and LabVIEWTM III Digital Filter Design** *Morgan & Claypool Publishers* This book is Volume III of the series DSP for MATLABTM and LabVIEWTM. Volume III covers digital filter design, including the specific topics of FIR design via windowed-ideal-lowpass filter, FIR highpass, bandpass, and bandstop filter design from windowed-ideal lowpass filters, FIR design using the transition-band-optimized Frequency Sampling technique (implemented by Inverse-DFT or Cosine/Sine Summation Formulas), design of equiripple FIRs of all standard types including Hilbert Transformers and Differentiators via the Remez Exchange Algorithm, design of Butterworth, Chebyshev (Types I and II), and Elliptic analog prototype lowpass filters, conversion of analog lowpass prototype filters to highpass, bandpass, and bandstop filters, and conversion of analog filters to digital filters using the Impulse Invariance and Bilinear Transform techniques. Certain filter topologies specific to FIRs are also discussed, as are two simple FIR types, the Comb and Moving Average filters. The entire series consists of four volumes that collectively cover basic digital signal processing in a practical and accessible manner, but which nonetheless include all essential foundation mathematics. As the series title implies, the scripts (of which there are more than 200) described in the text and supplied in code form here will run on both MATLABTM and LabVIEWTM. The text for all volumes contains many examples, and many useful computational scripts, augmented by demonstration scripts and LabVIEWTM Virtual Instruments (VIs) that can be run to illustrate various signal processing concepts graphically on the user's computer screen. Volume I consists of four chapters that collectively set forth a brief overview of the field of digital signal processing, useful signals and concepts (including convolution, recursion, difference equations, LTI systems, etc), conversion from the continuous to discrete domain and back (i.e., analog-to-digital and digital-to-analog conversion), aliasing, the Nyquist rate, normalized frequency, sample rate conversion and Mu-law compression, and signal processing principles including correlation, the correlation sequence, the Real DFT, correlation by convolution, matched filtering, simple FIR filters, and simple IIR filters. Chapter four of Volume I, in particular, provides an intuitive or "first principle" understanding of how digital filtering and frequency transforms work. Volume II provides detailed coverage of discrete frequency transforms, including a brief overview of common frequency transforms, both discrete and continuous, followed by detailed treatments of the Discrete Time Fourier Transform (DTFT), the z-Transform (including definition and properties, the inverse z-transform, frequency response via z-transform, and alternate filter realization topologies including Direct Form, Direct Form Transposed, Cascade Form, Parallel Form, and Lattice Form), and the Discrete Fourier Transform (DFT) (including Discrete Fourier Series, the DFT-IDFT pair, DFT of common signals, bin width, sampling duration, and sample rate, the Goertzel Algorithm, Linear, Periodic, and Circular convolution, DFT Leakage, and computation of the Inverse DFT). Volume IV, the culmination of the series, is an introductory treatment of LMS Adaptive Filtering and applications, and covers cost functions, performance surfaces, coefficient perturbation to estimate the gradient, the LMS algorithm, response of the LMS algorithm to narrow-band signals, and various topologies such as ANC (Active Noise Cancelling) or system modeling, Periodic Signal Removal/Prediction/Adaptive Line Enhancement (ALE), Interference Cancellation, Echo Cancellation (with single- and dual-H topologies), and Inverse Filtering/Deconvolution/Equalization. Table of Contents: Principles of FIR Design / FIR Design Techniques / Classical IIR Design **A Rhetoric of the Unreal Studies in Narrative and Structure, Especially of the Fantastic** *Cambridge University Press* This 1981 book is a study of wide range of fiction, from short stories to tales of horror, from fairy-tales and romances to science fiction, to which the rather loose term 'fantastic' has been applied. Cutting across this wide field, Professor Brooke-Rose examines in a clear and precise way the essential differences between these types of narrative against the background of realistic fiction. In doing so, she employs many of the methods of modern literary theory from Russian formalism to structuralism, while at the same time bringing to these approaches a sharp critical intuition and sound common sense of her own. The range of texts considered is broad: from Poe and James to Tolkien; from Flann O'Brien to the American postmodernism. This book should prove a source of stimulation to all teachers and students of modern literary theory and genre, as well as those interested in 'fantastic' literature. **Railway Signaling and Communications Advanced Lessons in Lip-reading Neurobiopsychosocial Perspectives on Aggression and Violence From Biology to Law Enforcement** *Springer Nature* This book bridges the gap between basic science, which deals with general concepts of aggression and its neurobiological foundations, and law enforcement as one of the applied fields of aggression research. It addresses the current state of research and practice and compares and integrates the concept of aggression with violent crime. Chapters examine the types of criminal careers that cross the boundary between the two and summarize the biological, psychological, and social factors that underlie particular types of criminal careers. Subsequent chapters discuss overlaps between biological and psychological factors and detail how and to what extent aggression may serve as explanatory mechanisms for violence. The book also discusses the relationship between social problems and neuropsychological deficits, addressing how the neuropsychological deficits lead to the intergenerational recycling of social problems. Finally, the volume explores violence and aggression from a neurobiological perspective. Topics featured in this book include: The heritability of aggressiveness and violence-proneness. Glucocorticoids in humans. Aggression circuitry in animals. Distorted circuitry in violent animals. Biological factors of psychological change. Neurobiopsychosocial Perspectives on Aggression and Violence is a must-have resource for researchers, clinicians and other professionals, and graduate students in forensic psychology, criminology/criminal justice, public health, developmental

psychology, psychotherapy/counseling, psychiatry, social work, educational policy and politics, health psychology, nursing, and behavioral therapy/rehabilitation. **Forensic Psychology** *John Wiley & Sons* FORENSIC PSYCHOLOGY Explore the theory, research, and practice of forensic psychology with this collection of resources from recognized leaders in the field The newly revised Third Edition of Forensic Psychology delivers insightful coverage of the theory and applications of forensic psychology. The book combines authoritative scholarship with an unprecedented breadth of international coverage and constitutes an essential resource for all aspects of contemporary forensic and criminal psychology. The new edition addresses issues of equality, diversity, and inclusion in each section, as well as the uses and abuses of power in forensic contexts. The book takes a constructively critical approach to the dominant theories, policy, and practices of today, as opposed to being merely descriptive, and considers new and developing areas, like the prevention of sexual violence at universities. Forensic Psychology comprehensively addresses the application of modern forensic techniques and practices to the civil and criminal justice systems in the United Kingdom. Each chapter concludes with some specific suggestions for further reading. Additionally, readers will enjoy the inclusion of a wide variety of topics, like: A thorough discussion of investigative and clinical practice, including the politics of forensic psychology, offender profiling, eyewitness testimony, and jury decision making An examination of clinical and risk assessments, including reviews of the key legal issues and principles involved in risk assessments, the role of structured instruments and protocols, and coverage of actuarial and structured clinical methods Discussions of working with criminalized populations in prisons and forensic mental health facilities A treatment of psychology in the courts with an emphasis on the courts of England and Wales Perfect for graduate level students in forensic psychology courses, Forensic Psychology will also earn a place in the libraries of qualified forensic psychologist practitioners and postgraduate students seeking to improve their understanding of forensic psychology with a high-quality international textbook underpinned by considerations of human rights and ethical standards. **The New and Complete Dictionary of the English Language In which All the Words are Introduced, the Different Spellings Preserved, the Sounds of the Letters Occasionally Distinguished, the Obsolete and Uncommon Words Supported by Authorities, and the Different Construction and Uses Illustrated by Examples. To which is Prefixed, a Comprehensive Grammar The Wave Finite Element Method** *Springer Science & Business Media* This monograph presents in detail the novel "wave" approach to finite element modeling of transient processes in solids. Strong discontinuities of stress, deformation, and velocity wave fronts as well as a finite magnitude of wave propagation speed over elements are considered. These phenomena, such as explosions, shocks, and seismic waves, involve problems with a time scale near the wave propagation time. Software packages for 1D and 2D problems yield significantly better results than classical FEA, so some FORTRAN programs with the necessary comments are given in the appendix. The book is written for researchers, lecturers, and advanced students interested in problems of numerical modeling of non-stationary dynamic processes in deformable bodies and continua, and also for engineers and researchers involved designing machines and structures, in which shock, vibro-impact, and other unsteady dynamics and waves processes play a significant role.