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Training mit PANat-Laptool® nach Schlaganfall Training mit PANat-Laptool® nach Schlaganfall Betätigung und Funktion – eine starke Allianz für Teilhabe und Lebensqualität in der Neurologie? Overcoming School Refusal Restoration of Normal Movement After Stroke Movement Science Goal Attainment Scaling Attention and Motor Skill Learning Clinical Applications for Motor Control The Memoirs of Chief Red Fox The Fragile X-Associated Tremor Ataxia Syndrome (FXTAS) Drug Induced Movement Disorders Massive and Irreparable Rotator Cuff Tears Star Wars Extraordinary Droids Recent Advances in Physiotherapy A Map of Days How to Think Like Leonardo da Vinci Stroke Rehabilitation The Stroke Patient The Alchemist A Man Without a Country The Necromancer Computational Vision and Robotics Diary of a Wimpy Kid: Big Shot (Book 16) The Lost Battleship Aesthetic Surgery The Snowman Rocks & Minerals Madras on Rainy Days Bully Nation Therapy for Stroke Improving the Software Testing Skills of Novices During Onboarding Through Social Transparency Transmorphic Probabilistic Semantic Web Existentialism CWNA Certified Wireless Network Administrator Study Guide Small Dynamic Complexity Classes The Sirtfood Diet Ethics and Oncology: Therapy, Care, Research Montaigne

Restoration of Normal Movement After Stroke Apr 21 2023 Restoration of Normal Movement after Stroke provides a complete practical guide to the techniques and rehabilitation programmes developed by Margaret Johnstone. It gives an insight into the problems of stroke patients and their families, and provides a guide to the therapeutic management of the patient from the onset of stroke to recovery. The importance of a team approach to the restoration of muscle function is strongly emphasised.

Training mit PANat-Laptool® nach Schlaganfall Jul 24 2023

Star Wars Extraordinary Droids Jul 12 2022 Find the droids you know and love and discover new favorites along the way. This Star Wars guide with a twist showcases a world of droids in close-up detail. Arranged from smallest to biggest, more than 50 droids of the galaxy are revealed with stunning photography and gorgeous artwork. The evocative descriptions will delight children and let them discover amazing droid facts, such as what tools R2-D2 uses and why GNK droids make a "gonk gonk" noise! Each page features fun droid facts and detailed close-up photographs for children to pore over, including firm favorites such as C-3PO and BB-8 as well as more unusual ones such as Professor Huyang, police droids, tiny probe droids, and new The Rise of Skywalker droid D-O. Star Wars Extraordinary Droids is a perfect gift for children who can't get enough of a galaxy far, far away. The book covers droids small (quiet, little mouse droids) and big (vulture droid starfighters), kind (memoir-writing PZ-4CO) and scary (droidekas), and will be a treasured favorite book to keep. © & TM 2020 LUCASFILM LTD.

Massive and Irreparable Rotator Cuff Tears Aug 13 2022 This book offers a truly comprehensive overview of the understanding and treatment of massive and irreparable rotator cuff tears, a painful and disabling shoulder condition that continues to pose major challenges. A thorough examination of basic science issues and evidence lays the foundation for discussion of key controversies in the field and exposition of a practical approach to treatment in which the role of both conservative and surgical management is explained. Special insights are provided into the new biological and nonoperative approaches that are becoming increasingly popular among practitioners. All potential surgical techniques are described, from partial repair and tendon transfer, to the use of dedicated implants. In addition, the value of anesthesia and regional blocks, both during surgery and in the postoperative phase, is discussed. The concluding section addresses particularly complex scenarios and offers guidance on the management of treatment complications and failures. Written by leading international shoulder experts, the book will be of value for shoulder surgeons, rehabilitators, and other health care practitioners.

Montaigne Apr 16 2020

The Fragile X-Associated Tremor Ataxia Syndrome (FXTAS) Oct 15 2022 In Fragile X-Associated Tremor Ataxia Syndrome (FXTAS), the editors present information on all aspects of FXTAS, including clinical features and current supportive management, radiological, psychological, and pathological findings, genotype-phenotype relationships, animal models and basic molecular mechanisms. Genetic counseling issues are also discussed. The book should serve as a resource for professionals in all fields regarding diagnosis, management, and counseling of patients with FXTAS and their families, as well as presenting the molecular basis for disease that may lead to the identification of new markers to predict disease risk and eventually lead to target treatments.

Aesthetic Surgery Jun 30 2021 Various aspects of morbid obesity, a major health concern in developing nations, have been discussed here. Recent statistics indicate that obesity has reached epidemic proportions and that 700 million people would become obese by 2015. Bariatric surgery is the only effective treatment for morbid obesity. Introductory aspects of maxillofacial surgery, including rhinoplasty, face lift and eyelid cosmetic surgery, have been described. The book is aimed at postgraduates and practising surgeons interested in aesthetic surgery.

Rocks & Minerals Apr 28 2021 Text and photographs examine the creation, importance, erosion, mining, and uses of rocks and minerals.

The Snowman May 30 2021 The night the first snow falls a young boy wakes to find his mother gone. He walks through the silent house, but finds only wet footprints on the stairs. In the garden looms a solitary figure: a snowman bathed in cold moonlight, its black eyes glaring up at the bedroom windows. Round its neck is his mother's pink scarf.

Attention and Motor Skill Learning Jan 18 2023 This is an ideal text for motor behaviour and cognitive psychology courses, as well as a reference for professionals with an interest in motor behaviour and human movement. It explores how focus of attention can affect motor performance, particularly the learning of motor skills.

A Man Without a Country Dec 05 2021 NEW YORK TIMES BESTSELLER • "For all those who have lived with Vonnegut in their imaginations . . . this is what he is like in person."-USA Today In a volume that is penetrating, introspective, incisive, and laugh-out-loud funny, one of the great men of letters of this age-or any age-holds forth on life, art, sex, politics, and the state of America's soul. From his coming of age in America, to his formative war experiences, to his life as an artist, this is Vonnegut doing what he does best: Being himself. Whimsically illustrated by the author, A Man Without a Country is intimate, tender, and brimming with the scope of Kurt Vonnegut's passions. Praise for A Man Without a Country "[This] may be as close as Vonnegut ever comes to a memoir."-Los Angeles Times "Like [that of] his literary ancestor Mark Twain, [Kurt Vonnegut's] crankiness is good-humored and sharp-witted. . . . [Reading A Man Without a Country is] like sitting down on the couch for a long chat with an old friend."-The New York Times Book Review "Filled with [Vonnegut's] usual contradictory mix of joy and sorrow, hope and despair, humor and gravity."-Chicago Tribune "Fans will linger on every word . . . as once again [Vonnegut] captures the complexity of the human condition with stunning calligraphic simplicity."-The Australian "Thank God, Kurt Vonnegut has broken his promise that he will never write another book. In this wondrous assemblage of mini-memoirs, we discover his family's legacy and his obstinate, unfashionable humanism."-Studs Terkel

Small Dynamic Complexity Classes Jul 20 2020 "Small Dynamic Complexity Classes" was awarded the E.W. Beth Dissertation Prize 2016 for outstanding dissertations in the fields of logic, language, and information. The

thesis studies the foundations of query re-evaluation after modifying a database. It explores the structure of small dynamic descriptive complexity classes and provides new methods for proving lower bounds in this dynamic context. One of the contributions to the former aspect helped to confirm the conjecture by Patnaik and Immerman (1997) that reachability can be maintained by first-order update formulas.

The Alchemist Jan 06 2022 A special 25th anniversary edition of the extraordinary international bestseller, including a new Foreword by Paulo Coelho. Combining magic, mysticism, wisdom and wonder into an inspiring tale of self-discovery, *The Alchemist* has become a modern classic, selling millions of copies around the world and transforming the lives of countless readers across generations. Paulo Coelho's masterpiece tells the mystical story of Santiago, an Andalusian shepherd boy who yearns to travel in search of a worldly treasure. His quest will lead him to riches far different—and far more satisfying—than he ever imagined. Santiago's journey teaches us about the essential wisdom of listening to our hearts, of recognizing opportunity and learning to read the omens strewn along life's path, and, most importantly, to follow our dreams.

The Necromancer Nov 04 2021 Nicholas Flamel appeared in J.K. Rowling's *Harry Potter*—but did you know he really lived? And his secrets aren't safe! Discover the truth in book four of the New York Times bestselling series *The Secrets of the Immortal Nicholas Flamel*. The Belief: Sophie and Josh are the twins of prophecy. The Reality: Nicholas Flamel has been wrong before. Sophie and Josh Newman are finally home, but they're both more confused than ever about their futures. Neither of them has mastered the elemental magics they'll need to protect themselves from the Dark Elders, they've lost Scatty, Macchiavelli is coming to unleash on their city the menagerie of monsters imprisoned in Alcatraz, and they're still being pursued by Dr. John Dee. And most disturbing of all is that now they must ask themselves, can they trust Nicholas Flamel? Worse, can they trust anyone? "The *Secrets of the Immortal Nicholas Flamel* has everything you loved about *Harry Potter*, including magic, mystery, and a constant battle of good versus evil." —Bustle Read the whole series! *The Alchemist* *The Magician* *The Sorceress* *The Necromancer* *The Warlock* *The Enchantress*

Stroke Rehabilitation Mar 08 2022 "Covers essential task-and context-specific exercises and training regimes for optimal functional recovery. Based on scientific rationale and the latest clinical research, this book emphasises the training of effective functional motor performance using methods that both provide a stimulus to the acquisition of skill and increase strength, endurance and fitness." --Cover.

Clinical Applications for Motor Control Dec 17 2022 *Clinical Applications for Motor Control* is a comprehensive text that will help bridge the gap between motor control/motor learning research and practical clinical applications. Written by a variety of physical therapists with a broad range of clinical expertise areas such as neurophysiology, biomechanics, and human motor control, this text is rich in a multitude of topics. The case-study format that is applied throughout the text amplifies the principles of motor control research and demonstrates the transfer of information from research studies to clinical settings. Incorporated throughout *Clinical Applications for Motor Control* are the concepts and language of the *Guide to Physical Therapist Practice*. The text begins with an introductory and historical review of traditional neurophysiologic treatment approaches and new theoretical alternatives. This comprehensive review establishes a foundation for the remaining chapters that address topics such as motor control, learning and development; musculoskeletal considerations; sensory and cognitive systems underlying the production and control of movement; disorders of the control of limb movement; and gait. Five case studies representing common clinical problems are included throughout the text to facilitate clinical problem solving. This innovative style is geared towards the student who has limited clinical experience, while also serving as a useful reference for the practicing clinician.

Overcoming School Refusal May 22 2023 School refusal affects up to 5% of children and is a complex and stressful issue for the child, their family and school. The more time a child is away from school, the more difficult it is for the child to resume normal school life. If school refusal becomes an ongoing issue it can negatively impact the child's social and educational development. Psychologist Joanne Garfi spends most of her working life assisting parents, teachers, school counsellors, caseworkers, and community policing officers on how best to deal with school refusal. Now her experiences and expertise are available in this easy-to-read practical book. *Overcoming School Refusal* helps readers understand this complex issue by explaining exactly what school refusal is and provides them with a range of strategies they can use to assist children in returning to school. Areas covered include: • types of school refusers • why children refuse to go to school • symptoms • short term and long term consequences • accurate assessment • treatment options • what parents can do • what schools can do • dealing with anxious high achievers • how to help children on the autism spectrum with school refusal

The Stroke Patient Feb 07 2022 This explains the various team members needed for the rehabilitation of stroke patients - nurse, physiotherapist, occupational therapist, speech therapist.

Betätigung und Funktion – eine starke Allianz für Teilhabe und Lebensqualität in der Neurologie? Jun 23 2023 Die konsequente Ausrichtung auf Betätigungsorientierung und das modellgeleitete Handeln stellen die Ergotherapie vor neue berufliche Herausforderungen. Der Fachausschuss Neurologie des DVE e. V. möchte mit dem Tagungsband *Hilfestellung zur Umsetzung der aktuellen Ergotherapie in der Neurologie* geben und Ergotherapeuten und Ergotherapeutinnen auf ihrem Weg zu einer zeitgemäßen betätigungsorientierten und klientenzentrierten Ergotherapie unterstützen. Was bedeutet betätigungsorientierte Ergotherapie in den verschiedenen neurologischen Arbeitsfeldern? Woran erkennt man sie im Behandlungsprozess? Und kann es beispielsweise in einer Stroke Unit vergleichbare Abläufe und Inhalte zur Ausrichtung auf bedeutungsvolle Betätigung geben wie im ambulanten Setting? Das Spektrum der praxisbezogenen Beiträge reicht von Beispielen aus der Stroke Unit über die stationäre Rehabilitation bis hin zur ambulanten ergotherapeutischen Behandlung. Anhand konkreter Fallbeispiele werden individuelle Lösungen präsentiert.

Diary of a Wimpy Kid: Big Shot (Book 16) Sep 02 2021 GREG HEFFLEY AND SPORTS JUST DON'T MIX. After a disastrous competition at school, Greg decides that he's officially retired from ANY kind of sport! That is, until his mom persuades him to give it one more go and makes Greg reluctantly agree to sign up for basketball. Tryouts are a MESS, and Greg is sure he won't make the cut. But he unexpectedly lands a spot on the worst team. As Greg and his new teammates start the season, their chances of winning even a single game look slim. But in sports, anything can happen. When everything is on the line and the ball is in Greg's hands, will he rise to the occasion? Or will he blow his big shot?

The Memoirs of Chief Red Fox Nov 16 2022 *Memoirs of the American Indian Chief*, born in 1870.

Existentialism Sep 21 2020 *Existentialism: An Introduction* provides an accessible and scholarly introduction to the core ideas of the existentialist tradition. Kevin Aho draws on a wide range of existentialist thinkers in chapters centering on the key themes of freedom, being-in-the-world, alienation, nihilism, anxiety and authenticity. He also addresses important but often overlooked issues in the canon of existentialism, with discussions devoted to the role of embodiment, the movement's contribution to ethics, politics, and environmental and comparative philosophies, as well as its influence on contemporary psychiatry and psychotherapy. The enduring relevance of existentialism is shown by applying existentialist ideas to contemporary philosophical discussions of interest to a wide audience. The book covers secular thinkers such as Heidegger, Merleau-Ponty, Nietzsche, Sartre, Camus, and Beauvoir as well as religious authors, such as Buber, Dostoevsky, Marcel, and Kierkegaard. In this engaging and accessible text Aho shows why existentialism cannot be easily dismissed as a moribund or outdated movement. In the aftermath of 'God's death', existentialist philosophy engages questions with lasting philosophical significance, questions such as 'Who am I?' and 'How should I live?' By showing how existentialism offers insight into what it means to be human, the author illuminates existentialism's enduring value. *Existentialism: An Introduction* provides the ideal introduction for upper level students and anyone interested in knowing more about one of the most vibrant and important areas of philosophy today.

CWNA Certified Wireless Network Administrator Study Guide Aug 21 2020 The #1 selling Wi-Fi networking reference guide in the world *The CWNA: Certified Wireless Network Administrator Study Guide* is the ultimate preparation resource for the CWNA exam. Fully updated to align with the latest version of the exam, this book features expert coverage of all exam objectives to help you pass the exam. But passing the exam is just a first step. For over 16 years, the CWNA Study Guide has helped individuals jump-start their wireless networking careers. Wireless networking professionals across the globe use this book as their workplace reference guide for enterprise Wi-Fi technology. Owning this book provides you with a foundation of knowledge for important Wi-Fi networking topics, including: Radio frequency (RF) fundamentals 802.11 MAC and

medium access Wireless LAN topologies and architecture WLAN design, troubleshooting and validation Wi-Fi networking security The book authors have over 40 years of combined Wi-Fi networking expertise and provide real-world insights that you can leverage in your wireless networking career. Each of the book's 20 chapters breaks down complex topics into easy to understand nuggets of useful information. Each chapter has review questions that help you gauge your progress along the way. Additionally, hands-on exercises allow you to practice applying CWNA concepts to real-world scenarios. You also get a year of free access to the Sybex online interactive learning environment, which features additional resources and study aids, including bonus practice exam questions. The CWNA certification is a de facto standard for anyone working with wireless technology. It shows employers that you have demonstrated competence in critical areas, and have the knowledge and skills to perform essential duties that keep their wireless networks functioning and safe. The CWNA: Certified Wireless Network Administrator Study Guide gives you everything you need to pass the exam with flying colors.

Recent Advances in Physiotherapy Jun 11 2022 Like Partridge: Neurological Physiotherapy: Bases of Evidence for Practice, each chapter in Recent Advances in Physiotherapy features a case report provided by a team of clinicians based on details from a real patient. This book of recent advances provides readers with a way of keeping up-to-date with recent work in the discipline of physiotherapy, based on the evidence for current practice.

Goal Attainment Scaling Feb 19 2023 There is an extensive literature on Goal Attainment Scaling (GAS), but the publications are widely scattered and often inaccessible, covering several foreign countries and many professional disciplines and fields of application. This book provides both a user manual and a complete reference work on GAS, including a comprehensive account of what the method is, what its strengths and limitations are, how it can be used, and what it can offer. The book is designed to be of interest to service providers, program directors and administrators, service and business organizations, program evaluators, researchers, and students in a variety of fields. No previous account of GAS has provided an up-to-date, comprehensive description and explanation of the technique. The chapters include a basic "how to do it" handbook, step-by-step implementation instructions, frequently occurring problems and what should be done about them, methods for monitoring the quality of the goal setting process, and a discussion of policy and administration issues. There are many illustrations from actual applications including examples of goals scaled for the individual, the specific program, the agency, or the total system. Procedures for training and estimates of training costs are also provided.

Bully Nation Feb 24 2021 Bullying does not just affect children; adults do it and suffer from it too. It goes beyond the schoolyard into the corporation, the military, the police, the government, the family, and the media. In a society where wealth and power are unequally distributed bullying is institutional.

A Map of Days May 10 2022 The instant bestseller! • New York Times bestseller • USA Today bestseller • Wall Street Journal bestseller "A Map of Days reveals Ransom Riggs at the peak of his powers, leaving loyal fans ravenous for more." -NY Journal of Books Having defeated the monstrous threat that nearly destroyed the peculiar world, Jacob Portman is back where his story began, in Florida. Except now Miss Peregrine, Emma, and their peculiar friends are with him, and doing their best to blend in. But carefree days of beach visits and normaling lessons are soon interrupted by a discovery—a subterranean bunker that belonged to Jacob's grandfather, Abe. Clues to Abe's double-life as a peculiar operative start to emerge, secrets long hidden in plain sight. And Jacob begins to learn about the dangerous legacy he has inherited—truths that were part of him long before he walked into Miss Peregrine's time loop. Now, the stakes are higher than ever as Jacob and his friends are thrust into the untamed landscape of American peculiarity—a world with few rules, or none—that none of them understand. New wonders, and dangers, await in this brilliant next chapter for Miss Peregrine's peculiar children. Their story is again illustrated by haunting vintage photographs, now with the striking addition of full-color images interspersed throughout for this all-new, multi-era American adventure.

Movement Science Mar 20 2023 A theory-plus-practice guide with new therapeutic strategies and treatment models, case examples, and photographs. Discusses balanced standing, balanced sitting, reaching, manipulation, walking, and other basic skills. Shows how to identify short-term goals, provide instruction, practice, and feedback.

Ethics and Oncology: Therapy, Care, Research May 18 2020

Madras on Rainy Days Mar 28 2021 Clashing identities - Muslim and American.

Training mit PANat-Laptool® nach Schlaganfall Aug 25 2023 Hochgradige Armparesen - Was tun? Menschen, die einen schweren Schlaganfall erlitten haben, müssen häufig mit bleibenden Behinderungen einer Körperseite rechnen. Diese können zu massiven Problemen im Alltag führen, schränken die Selbstständigkeit ein und beeinflussen die Lebensqualität. Durch intensives, spezifisches Üben mit den einfachen, in der Ergotherapie eigens für hochgradig betroffene Patienten entwickelten PANat-Laptool®-Geräten ist es auch noch Monate und Jahre nach dem Ereignis möglich, bedeutsame Fortschritte zu erzielen. Patienten lernen, ihren Arm zu bewegen und die Hand im Alltag als Hilfs hand einzusetzen. Das Buch gliedert sich in vier Teile: Begriffsklärung, Vorstellung des Materials, Theoretische Grundlagen, Wirkungsweise und Zielsetzungen, Schilderung einer Behandlungseinheit, Übungen und konkrete Anwendungsmöglichkeiten, Selbstkontrolliertes Eigentaining. Das Besondere an diesem Buch sind die überaus reiche Bebilderung und die zahlreichen Beispiele, die den Einsatz der einzelnen Geräteteile anschaulich darstellen. Jede Aufgabe wird konkretisiert und es wird ein direkter Bezug zum Alltag hergestellt, um so für jeden Patienten einen individuellen Lösungsansatz zu finden. Das Buch bietet Ergo- und Physiotherapeuten, Patienten und ihren Bezugspersonen sowie allen an der Armrehabilitation Interessierten einen inspirierenden Leit faden für die Praxis.

The Sirtfood Diet Jun 18 2020 In this guide you can learn: □ What is Sirtfood Diet? What is the Skinny Gene? How to Follow the Sirtfood diet 35 Quick and Easy Recipes 7 Days Meal Plan to Activate Sirtuins 28 Days Program How Superfoods Prevent Cancer and many more...

Drug Induced Movement Disorders Sep 14 2022 The second revised edition of this text will update and present current state of the art clinical approaches to this subject. This book will continue to be the source text of information on drug-induced movement disorders authored and edited by the pioneers in the field. It will be an invaluable addition to the library of any neurologist.

Transmorphic Nov 23 2020 Defining Graphical User Interfaces (GUIs) through functional abstractions can reduce the complexity that arises from mutable abstractions. Recent examples, such as Facebook's React GUI framework have shown, how modelling the view as a functional projection from the application state to a visual representation can reduce the number of interacting objects and thus help to improve the reliability of the system. This however comes at the price of a more rigid, functional framework where programmers are forced to express visual entities with functional abstractions, detached from the way one intuitively thinks about the physical world. In contrast to that, the GUI Framework Morphic allows interactions in the graphical domain, such as grabbing, dragging or resizing of elements to evolve an application at runtime, providing liveness and directness in the development workflow. Modelling each visual entity through mutable abstractions however makes it difficult to ensure correctness when GUIs start to grow more complex. Furthermore, by evolving morphs at runtime through direct manipulation we diverge more and more from the symbolic description that corresponds to the morph. Given that both of these approaches have their merits and problems, is there a way to combine them in a meaningful way that preserves their respective benefits? As a solution for this problem, we propose to lift Morphic's concept of direct manipulation from the mutation of state to the transformation of source code. In particular, we will explore the design, implementation and integration of a bidirectional mapping between the graphical representation and a functional and declarative symbolic description of a graphical user interface within a self hosted development environment. We will present Transmorphic, a functional take on the Morphic GUI Framework, where the visual and structural properties of morphs are defined in a purely functional, declarative fashion. In Transmorphic, the developer is able to assemble different morphs at runtime through direct manipulation which is automatically translated into changes in the code of the application. In this way, the comprehensiveness and predictability of direct manipulation can be used in the context of a purely functional GUI, while the effects of the manipulation are reflected in a

medium that is always in reach for the programmer and can even be used to incorporate the source transformations into the source files of the application.

Therapy for Stroke Jan 26 2021

How to Think Like Leonardo da Vinci Apr 09 2022 This inspiring and inventive guide teaches readers how to develop their full potential by following the example of the greatest genius of all time, Leonardo da Vinci. Acclaimed author Michael J. Gelb, who has helped thousands of people expand their minds to accomplish more than they ever thought possible, shows you how. Drawing on Da Vinci's notebooks, inventions, and legendary works of art, Gelb introduces Seven Da Vincian Principles—the essential elements of genius—from curiosità, the insatiably curious approach to life to connessione, the appreciation for the interconnectedness of all things. With Da Vinci as your inspiration, you will discover an exhilarating new way of thinking. And step-by-step, through exercises and provocative lessons, you will harness the power—and awesome wonder—of your own genius, mastering such life-changing abilities as: •Problem solving •Creative thinking •Self-expression •Enjoying the world around you •Goal setting and life balance •Harmonizing body and mind Drawing on Da Vinci's notebooks, inventions, and legendary works of art, acclaimed author Michael J. Gelb, introduces seven Da Vincian principles, the essential elements of genius, from curiosità, the insatiably curious approach to life, to connessione, the appreciation for the interconnectedness of all things. With Da Vinci as their inspiration, readers will discover an exhilarating new way of thinking. Step-by-step, through exercises and provocative lessons, anyone can harness the power and awesome wonder of their own genius, mastering such life-changing skills as problem solving, creative thinking, self-expression, goal setting and life balance, and harmonizing body and mind.

Computational Vision and Robotics Oct 03 2021 Computer Vision and Robotic is one of the most challenging areas of 21st century. Its application ranges from Agriculture to Medicine, Household applications to Humanoid, Deep-sea-application to Space application, and Industry applications to Man-less-plant. Today's technologies demand to produce intelligent machine, which are enabling applications in various domains and services. Robotics is one such area which encompasses number of technology in it and its application is widespread. Computational vision or Machine vision is one of the most challenging tools for the robot to make it intelligent. This volume covers chapters from various areas of Computational Vision such as Image and Video Coding and Analysis, Image Watermarking, Noise Reduction and Cancellation, Block Matching and Motion Estimation, Tracking of Deformable Object using Steerable Pyramid Wavelet Transformation, Medical Image Fusion, CT and MRI Image Fusion based on Stationary Wavelet Transform. The book also covers articles from applications of soft computing techniques such as Target Searching and Tracking using Particle Swarm Optimization, PSO-based Functional Artificial Neural Network, etc. The book also covers article from the areas of Robotics such as Solar Power Robot Vehicle, Multi Robot Area Exploration, Intelligent Driving System based on Video Sequencing, Emotion Recognition using MLP Network, Identifying the Unstructured Environment.

Improving the Software Testing Skills of Novices During Onboarding Through Social Transparency Dec 25 2020 Inexperienced software developers - such as fresh graduates - shape the future of software engineering as a practice. Supporting these novice developers in becoming high quality engineers is a key objective of our engineering community. Yet, inexperienced developers have considerable trouble in applying the fundamentals of systematic software testing in industrial settings. Gaps in testing skills arise from inherent attributes of systematic testing itself and environmental attributes, such as the educational setting in universities. Frustrated, practitioners have long since devised cost intensive workarounds. In this thesis, this problem situation is qualitatively analyzed in great detail, leveraging insights from three Grounded Theory studies. Employing Everett M. Rogers' 'Theory of the Diffusion of Innovation', strategic improvements to the onboarding situation are presented. Lastly, tool support for the strategies developed in this thesis is presented and evaluated.

The Lost Battleship Aug 01 2021 The battleship 'Balmoral' has gone missing, although it's not lost at all. Dirty Fred and a group of happy scoundrels 'borrow' it to rescue Tom Leven and his important invention. During their adventures they rescue high-ranking military officers from a sunken ship, impersonate them in their official engagements, avert a military crisis and solve a crime. The novel is a comical crime adventure, written in Jenő Rejto's unique style of understated humour. The author has been likened to a Hungarian P.G. Wodehouse.

Probabilistic Semantic Web Oct 23 2020 The management of uncertainty in the Semantic Web is of foremost importance given the nature and origin of the available data. This book presents a probabilistic semantics for knowledge bases, DISPONTE, which is inspired by the distribution semantics of Probabilistic Logic Programming. The book also describes approaches for inference and learning. In particular, it discusses 3 reasoners and 2 learning algorithms. BUNDLE and TRILL are able to find explanations for queries and compute their probability with regard to DISPONTE KBs while TRILLP compactly represents explanations using a Boolean formula and computes the probability of queries. The system EDGE learns the parameters of axioms of DISPONTE KBs. To reduce the computational cost, EDGEMR performs distributed parameter learning. LEAP learns both the structure and parameters of KBs, with LEAPMR using EDGEMR for reducing the computational cost. The algorithms provide effective techniques for dealing with uncertain KBs and have been widely tested on various datasets and compared with state of the art systems.