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KALEIGH TRAVIS

Development of a Practical Methodology for Elastic-Plastic and Fully Plastic Fatigue Crack Growth Action Research: A

Methodology For Change And Developmenta methodology for change and development

Die Entwicklung eingebetteter Systeme wird aufgrund der immer anspruchsvolleren Anwendungen sowie der Verwendung von leistungsfähigeren Hardware-Architekturen (z.B. Multicore-, Hybrid-Systeme) immer komplexer. Modellgetriebene Methoden reduzieren die Komplexität des Systems mittels angemessenen

Abstraktionsniveaus. Diese Arbeit stellt die modellgetriebene Entwicklungsmethodik DMOSES (Deterministische Modelle für die signalverarbeitenden eingebetteten Systeme) vor. Diese Methodik strebt die Verbesserung der Entwicklung hybrider eingebetteten Systeme (z.B. CPUs und FPGAs) hinsichtlich der Komplexität mittels anpassbarer Abstraktionseben, automatischer Codegenerierung und Systemverifikation an. Systeme werden mittels UML-Verhaltensmodelle spezifiziert, deren erweiterte Semantik relevante funktionale und nicht-funktionale Aspekte hybrider eingebetteten Systemen beschreibt. Eine anpassbare Abstraktionsebene wird durch die Integration von automatischer Code-Generierung und optimierbarem Code erreicht. Außerdem werden Sicherheitsanforderungen durch die

Integration von Analysetechniken (Formale Verifikation, Ausführungszeit-Analyse und Software-Verträgen) in die Entwicklungsmethodik verifiziert.

Development of a Numerical Simulation Method for Rocky Body Impacts and Theoretical Analysis of Asteroidal Shapes Presses univ. de Louvain

A baseline survey questionnaire intended to assess the status of the national IP system and its links with national development priorities.

a methodology for change and development WIPO

This Open Access book discusses an extension to low-coherence interferometry by dispersion-encoding. The approach is theoretically designed and implemented for applications such as surface profilometry, polymeric cross-linking estimation and the determination of thin-film layer thicknesses. During a characterization, it was shown that an axial measurement range of 79.91 μm with an axial resolution of 0.1 nm is achievable. Simultaneously, profiles of up to 1.5 mm in length were obtained in a scan-free manner. This marked a significant improvement in relation to the state-of-the-art in terms of dynamic range. Also, the axial and lateral measurement range were decoupled partially while functional parameters such as surface roughness were estimated. The characterization of the degree of polymeric cross-linking was performed as a function of the refractive index. It was acquired in a spatially-resolved manner with a resolution of 3.36×10^{-5} . This was achieved by the development of a novel mathematical analysis approach.

The SRI Hierarchical Development Methodology (HDM) and Its Application to the Development of Secure

Software Springer

"The U.S. Army Research Institute for the Behavioral and Social Sciences (ARI) and the Force XXI Training Program have sponsored the development of a structured simulation-based training program for selected staffs of conventional mounted brigades. The development effort, entitled the Combined Arms Operations at Brigade Level Realistically Achieved Through Simulation (and known as COBRAS) resulted in construction of training support packages (TSPs) for large-scale exercises and for small-group vignettes. Development of the scenario and all TSP materials followed the guidance found in the Methodology for the Development of Structured Simulation-Based Training, published by ARI in 1995. This report documents an expanded methodology, based on experience in the COBRAS program. The expansion is contained in the Guide for Development of Structured Simulation-Based Training. The Guide contains additional examples and warnings, and more in-depth coverage of TSP construction and formative evaluations. This report discusses the activities in the methodology."--DTIC.

Action Research: A Methodology For Change And Development McGraw-Hill Education (UK)

A companion handbook to the Baseline Questionnaire designed to support the collection of baseline survey data, providing an in-depth analysis explaining the benchmarking indicators used in the assessment of the national IP system.

Involute Strip Development Method for Fabrication of Rotationally Symmetrical Double Curved Surfaces of Revolution BoD - Books on Demand

Strip development method for rotationally symmetrical double

curved surface fabrication applied to heat exchangers.

Development of a Methodology for the Evaluation of Active Safety using the Example of Preventive Pedestrian Protection Prentice Hall

In response to a Congressional mandate, the National Research Council conducted a review of the SBIR program at the five federal agencies with SBIR programs with budgets in excess of \$100 million (DOD, NIH, NASA, DOE, and NSF). The project was designed to answer questions of program operation and effectiveness, including the quality of the research projects being conducted under the SBIR program, the commercialization of the research, and the program's contribution to accomplishing agency missions. This report describes the proposed methodology for the project, identifying how the following tasks will be carried out: 1) collecting and analyzing agency databases and studies; 2) surveying firms and agencies; 3) conducting case studies organized around a common template; and 4) reviewing and analyzing survey and case study results and program accomplishments. Given the heterogeneity of goals and procedures across the five agencies involved, a broad spectrum of evaluative approaches is recommended.

Methodology for Hybrid Role Development WIPO

Inhaltsangabe:Abstract: In the 1980s research efforts and successes made artificial neural networks popular. Since the 1990s engineers have been using this foundation for problem solving. But artificial neural network solutions for "real-world" problems are sometimes hard to find because of the complexity of the domain and because of the vast number of design attributes the engineer has to deal with. This thesis provides a

structured overview of attributes in the design process of artificial neural networks and reviews technical process models. Current development methods for artificial neural networks are then reviewed and critiqued. The thesis concludes with a new design and development method for artificial neural networks.

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**Methodology for the Development of National Intellectual
 Property Strategies - Toolkit - Tool 1: The Process** Springer
 Nature

The U.S. Department of Agriculture, Forest Service, Southcm
 Research Station, appointed a remote-sensing team to develop
 an image-processing methodology for mapping forest lands over
 large geographic areds. The team has presented a repeatable
 methodology, which is based on regression modeling of
 Advanced Very High Resolution Radiometer (AVHRR) and Landsat
 Thematic Mapper (TM) data. It is a methodology that Forest
 inventory and Analysis (FIA) survey personnel can implement in
 any region or area. The term repeatable implies objectivity.
 Studies in the conterminous United States, Central America and
 Mexico, and west Texas and Oklahoma have provided valuable
 insights that address the subjective nature of some of the steps
 taken in mapping large forest areas. The team has identified
 seven such steps. They have reduced or eliminated subjectivity in
 four of the steps and identified two steps in which objectivity can
 be enhanced.

The Sigma Methodology for Risk Management in Systems
 Development Lulu.com

The Sigma Methodology For Risk Management In Systems
 Development. ISBN: 095279568X Year: 2002 The Sigma

methodology allows the capture of collective knowledge and
 expertise from those involved on the project, in a form that
 facilitates communication of Events, Assessments and the pro-
 active management of Risks. Sigma can be applied to any type of
 project, or programme.

A Study in the Field of Educational Communications and
 Technology diplom.de

Alexander Sänn presents a functional method based on lead user
 method, preference measurement, and recommendations using
 collaborative filtering. The introduced method in this book
 stimulates input from internal and external sources, predicts
 basic customers' acceptance, and evaluates this input against
 pre-defined criteria such as feasibility and existing patents for
 further concept generation. In sum, the new method addresses
 common innovation barriers and helps to reduce management
 uncertainties. This book provides further insights to the use of
 lead users as innovation sources in three major industries. The
 author extends the methodological toolbox with practical
 implications and contributes to the highly discussed topic in
 innovation management.

A Clinical Methodology for the Interactional Development of
 Young, High-functioning Autistic Children Springer Nature

The main objective of this work is the practical development of
 the discontinuous Galerkin method, arguably the most mature
 high-order discretisation, for the scale resolving simulations of
 turbomachinery flows.

A Methodology for Language Development Nordic Council of
 Ministers

This book describes numerical simulations of collisions between

asteroids, based on a unique numerical code developed by the author. The code accurately solves the elastic dynamic equations and describes the effects of fracture and friction, which makes it possible to investigate the shapes of impact outcomes produced by asteroid collisions and subsequent gravitational accumulation of fragments. The author parallelizes the code with high parallelization efficiency; accordingly, it can be used to conduct high-resolution simulations with the aid of supercomputers and clarify the shapes of small remnants produced through the catastrophic destruction of asteroids. The author demonstrates that flat asteroids can only be produced by impacts involving objects with similar mass and low velocity, which suggests that the flat asteroids in our solar system were created in the planet formation era and have kept their shapes until today. The author also shows that asteroid collisions under certain conditions can produce the extremely elongated shape of an interstellar minor body, 1I/'Oumuamua. In brief, the book offers a comprehensive investigation of asteroid impacts and shapes, making it a uniquely valuable resource.

The Development of a Planning Oriented Method for Estimating the Value of Development Easements on Agricultural Land IOS Press

This working paper describes a methodology for how Sustainable Public Procurement links with the Sustainable Development Goals. The methodology was used to describe 17 cases for each of the sustainable development goals in the report 'Sustainable Public procurement and the Sustainable Development Goals'.

Development of Risk Assessment Methodology for Land Application and Distribution and Marketing of Municipal Sludge

WIPO

The study explores methodology in the area of project impact evaluation. It addresses the problem that there is not as yet a distinctive methodology for measuring impacts, while methodologies frequently used for this are not often ideal for presenting information about changes in a large number of indicators, especially where these cannot be priced. A suitable methodology might identify a set of key developmental changes that are functionally related to the project, by a modelling and scoping process. Transformation of selected indicators of change to attain unidimensionality and scale - commensurability makes possible final aggregation into a composite index of impact for use in selecting projects with larger positive impacts.

Development of a Methodology for Comparison of Strategic Disarmament Proposals National Academies Press

Methodology for Product Development in Architecture is dedicated to the methodology and processes of designing, developments and research of standard building products, building product systems and special building components, as well as to their applications in buildings. Therefore, this publication is of importance to product designers and product developers, who are mainly concerned with developing products and components at the side of producers, as well as to materializing architects and component designers. They are concerned with the materializing of the functional and spatial building concept as a whole and in parts.

Joyful Collaboration Forschungszentrum Jülich

This book presents a fresh view of action research as a methodology uniquely suited to researching the processes of

innovation and change. Drawing on twenty-five years'™ experience of leading or facilitating action research projects, Bridget Somekh argues that action research can be a powerful systematic intervention, which goes beyond describing, analyzing and theorizing practices to reconstruct and transform those practices. The book examines action research into change in a range of educational settings, such as schools and classrooms, university departments, and a national evaluation of technology in schools. The opening chapter presents eight methodological principles and discusses key methodological issues. The focus then turns to action research in broader contexts such as '™southern'™ countries, health, business and management, and community development. Each chapter thereafter takes a specific research project as its starting point and critically reviews its design, relationships, knowledge outcomes, political engagement and impact. Action Research is important reading for postgraduate students and practitioner researchers in education, health and management, as well as those in government agencies and charities who wish to research and evaluate change and development initiatives. It is also valuable for pre-service and in-service training of professionals such as teachers, nurses and managers.

WCB/McGraw-Hill

Describes research carried out from August 1973 to August 1974.

Development of the Discontinuous Galerkin Method for High-resolution, Large Scale CFD and Acoustics in Industrial Geometries kassel university press GmbH

Bring discipline and power to all your Web & C/S projects! Roger Fournier's. A Methodology for Client/Server and Web Application

Development shows you how to impose needed discipline on even the most complex Web and client/server development projects. Fournier's start-to-finish methodology walks you step-by-step through every phase: survey, analysis, design, construction, implementation and beyond. Master powerful techniques for delivering finished software faster, including iterative/incremental development, prototyping, timeboxing and joint facilitated user sessions. With extensive examples, checklists and worksheets, Fournier demonstrates how to: Build an enterprise architecture with true scalability and flexibility. Leverage object-oriented programming techniques to the fullest. Establish an effective testing process. Promote reusability with DCOM/ActiveX (TM), CORBA, and JavaBeans (TM) components. Implement technology infrastructures that support Web and C/S development. Discover specific ways to mitigate the risks that lead so many Web and client/server projects to fail. Learn how to improve communication with users, design databases and Web database access more effectively, plan for user training and data conversion and much more. There are no silver bullets, but this book's systematic "best practices" approach, tips and techniques will help you take charge of your Web and client/server development-and deliver business results faster than ever before. Development of Methodology for Evaluation and Prediction of Avalanche Hazard in the San Juan Mountain Area of Southwestern Colorado Springer

The book reports on a new methodology for optimization and evaluation of traffic safety, which simulates the processes involved in traffic conflicts on the basis of detailed dynamical, human, and technical models. The models incorporate the whole

spectrum of human cognitive functions and responses, the responses of an active safety system and the interactions between the human and the system as they occur in a sample of relevant traffic contexts. Using the developed method, the author was able to assess the reduction in accidents and injuries as well as the possible side effects resulting from a preventive pedestrian-protection system. The book provides practical

solutions in the area of active safety systems. It represents an interesting source of information for researchers and professionals as well as all stakeholders, including policy makers and consumer advocates, with the common goal of promoting the implementation and adoption of highly efficient systems for preventing accidents and injuries.

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