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| Soggetti | Human-computer interaction |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Basic study on incidence of micro-error in visual attention-controlled environment -- A Methodological Approach to Create Interactive Art in Artificial Intelligence -- The Effect of Different Icon Shape and Width on Touch Behavior -- Project Team Recommendation Model Based on |

Profiles Complementarity -- A Neurophysiological Sensor Suite for Real-Time Prediction of Pilot Workload in Operational Settings -- Consideration of How Different Rearview Presentations Used for Electronic Mirrors on Automobiles Affect Human Spatial Cognition -- Design Guidelines of Social-Assisted Robots for the Elderly: A Mixed Method Systematic Literature Review -- Examining the relationship between songs and psychological characteristics -- An Overview of Paper Documentation Moving to Onboard Information System (OIS) for Commercial Aircraft -- Influence of Visual Symbol's User Background and Symbol Semantic Abstraction Level on User's Cognition in AR Auxiliary Assembly Environment -- Information Visualization Design of Nuclear Power Control System based on Attention Capture Mechanism -- Design Suggestions for Smart Tax Return Software based on Reviewing Tax Compliance literature -- Applications of an Online Audience Response System in Different Academic Settings: An Empirical Study -- Perceived Restorativeness and Meditation Depth for Virtual Reality supported Mindfulness Interventions -- Global Mindset - A Complex Cognitive Model Used for Global Leadership Decision-making when Working Across Geographical Boundaries -- Assessing Variable Levels of Delegated Control -- A Novel Measure of Trust -- Neuroergonomics Behind Culture: A Dynamic Causal Modeling (DCM) Study on Emotion -- A Typology of Non-functional Information -- Basic Study to Reduce the Artifact from Brain Activity Data with Auto-Regressive Model -- Producing an Immersive Experience using Human-Robot Interaction Stimuli -- How Virtual Reality is Changing the Future of Learning in K-12 and Beyond - Using Needs-Affordances-Features Perspective -- Tangible Storytelling to learn the Four Seasons: Design and Preliminary Observations -- Analyzing Students' Behavior in a MOOC Course: A Process-Oriented Approach -- The Role of Learning City "Smart Teams" In Promoting, Supporting, and Extending the Community School Model -- Design and Development of a Web Extension to Help Facilitate the Learning of a Foreign Language -- Training Professionals to Bring Digital Transformation into Museums: the Mu.SA Blended Course -- Learning and Creativity through a Curatorial Practice using Virtual Reality -- How augmented reality influences student workload in engineering education -- The Influential Factors on E-learning Adoption and Learning Continuance -- A Real-Time Cross-Sectioning System for Visualization of Architectural Construction Details -- Exploring the Affordance of Distance Learning Platform (DLP) in COVID19 Remote Learning Environment -- Tirana Plug-in River: Catalyst Playful Experiences to Revitalize Albanian Informal Settlements -- Investigating the relation between sense of presence, attention and performance: virtual reality versus web -- Research on the Design of Intelligent Interactive Toys Based on Marker Education -- Designing a Faculty Chatbot through User-Centered Design Approach -- The Influence of Picture Book Interaction Design on Preschool Children's Reading Experience -- Enable 3A in AIS -- Adapting E-Learning to Dyslexia Type: an Experimental Study to Evaluate Learning Gain and Perceived Usability -- Reducing the Gap Between the Conceptual Models of Students and Experts Using Graph-based Adaptive Instructional Systems -- A Learning Engineering Model for Learner-Centered Adaptive Systems -- Technology in Education - Meeting the Future Literacy & Numeracy needs of Society -- Adaptive Agents for Fit-for-Purpose Training -- Google Service-based CbITS Authoring Tool to Support Collaboration -- The Interplay Between Artificial Intelligence and Users' Personalities: A New Scenario for Human-Computer Interaction in Gaming -- Behavior Analytics for Player Profiling and Churn Prediction -- The Kansei Research on the

Manipulation Experience of Mobile Game with Joystick -- A Novel Investigation of Attack Strategies via the Involvement of Virtual Humans: A User Study of Josh Waitzkin, a Virtual Chess Grandmaster -- Systems Approach to Designing an Enjoyable Process for Game Designers -- Broader Understanding of Gamification by Addressing Ethics and Diversity -- Game-Based Learning and Instructional Effectiveness in Organizational Communication Classrooms -- Enhancing Social Ties through Manual Player Matchmaking in Online Multiplayer Games -- A Simulation Game to Acquire Skills on Industry 4.0 -- Personalised Semantic User Interfaces for Games -- Utilization of Neurophysiological Data to Classify Player Immersion to Distract from Pain.

Sommario/riassunto

This book constitutes late breaking papers from the 22nd International Conference on Human-Computer Interaction, HCII 2020, which was held in July 2020. The conference was planned to take place in Copenhagen, Denmark, but had to change to a virtual conference mode due to the COVID-19 pandemic. From a total of 6326 submissions, a total of 1439 papers and 238 posters have been accepted for publication in the HCII 2020 proceedings before the conference took place. In addition, a total of 333 papers and 144 posters are included in the volumes of the proceedings published after the conference as “Late Breaking Work” (papers and posters). These contributions address the latest research and development efforts in the field and highlight the human aspects of design and use of computing systems.

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Autore Evgrashkina Ekaterina
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Roulette" (1991) -- 5.2.
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Sommario/riassunto

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4. Record Nr.	UNINA9911020054803321
Autore	Preinitz William <1950->
Titolo	A fast track to structured finance modeling, monitoring, and valuation : jump start VBA / / William Preinitz
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2009
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Nota di contenuto	A FAST-TRACK TO STRUCTURED FINANCE: Modeling Monitoring, and Valuation; Contents; Preface; About the Web Site; Part I: Introduction; Chapter 1: Why? What? Who? Where? and How?; THE IMMORTAL QUESTION(S); WHAT ARE THE ADVANTAGES OF LEARNING VBA?; WHAT ARE THE DISADVANTAGES OF LEARNING VBA?; WHAT IS A MODEL?; WHY IS MODELING A VALUABLE SKILL?; WHAT ARE THE STAGES OF MODEL DESIGN AND CONSTRUCTION?; OTHER ASPECTS OF MODELING; PERSPECTIVE OF THIS BOOK; STRUCTURE OF THE BOOK; PUTTING THE DELIVERABLES "ON THE TARGET"; Chapter 2: Common Sense; OVERVIEW; DELIVERABLES

DO NOT EAT ANYTHING BIGGER THAN YOUR HEAD YOU ONLY HURT THE ONE YOU LOVE; IT IS OK TO BE RIGHT; JUST DO NOT BE DEAD-RIGHT; KNOW WHEN TO HOLD 'EM; NEXT STEPS; Part II: The Securitization Process; Chapter 3: Securitizing a Loan Portfolio; OVERVIEW; DELIVERABLES; FINANCING A LOAN PORTFOLIO; DESCRIPTION OF THE COLLATERAL; COLLATERAL CASH FLOWS; EXPENSE AND LIABILITY STRUCTURE; MEASURING THE PERFORMANCE OF THE STRUCTURE; FUNCTIONAL REQUIREMENTS OF THE MODEL; THE ROLE OF THE MODEL IN THE PROCESS OF SECURITIZATION; DELIVERABLES CHECKLIST; NEXT STEPS; ON THE WEB SITE; Part III: Designing the Model Chapter 4: Understanding the Excel Waterfall OVERVIEW; DELIVERABLES; UNDER CONSTRUCTION; WATERFALLS; STRUCTURE OF THE CASH FLOW WATERFALL; COLLATERAL CASH FLOWS SECTION; DEAL EXPENSES SECTION; CONDUIT INTEREST SECTION; CONDUIT PRINCIPAL SECTION; EXCESS CASH TREATMENT SECTION; CONDUIT SUMMARY SECTION; DELINQUENCY RESERVE SECTION; DEAL TRIGGERS SECTION; DEBT COSTS SECTION; DEFAULT TESTS SECTION; DEBT PERFORMANCE CALCULATIONS SUPPORT SECTION; DEAL WIND-DOWN TRIGGER; CASH FLOW WATERFALL "BOX SCORE" SECTION; DELIVERABLES CHECKLIST; NEXT STEPS; ON THE WEB SITE; Chapter 5: Designing the VBA Model OVERVIEW DELIVERABLES; UNDER CONSTRUCTION; WHAT ARE THE DESIRED RESULTS?; WHAT PROCESSES MUST THE MODEL PERFORM?; INTRODUCTION TO TEMPLATE FILES; COLLATERAL SELECTION REPORTS; INELIGIBLE COLLATERAL REPORTS; ELIGIBLE COLLATERAL REPORTS; CASH FLOW WATERFALL REPORTS; CASH FLOW MATRIX REPORTS; DESIGNING THE MENUS; DESIGNING THE COLLATERAL SELECTION OUTPUT SCREEN; IT SHOULD LOOK LIKE THIS; DELIVERABLES CHECKLIST; NEXT STEPS; ON THE WEB SITE; Part IV: Learning the VBA Language; Chapter 6: Laying the Model Groundwork; OVERVIEW; DELIVERABLES; UNDER CONSTRUCTION; CREATING THE EXTERNAL MODEL ENVIRONMENT CREATING THE INTERNAL MODEL ENVIRONMENT WRITING THE MAIN PROGRAM IN PSEUDO CODE; DELIVERABLES CHECKLIST; NEXT STEPS; ON THE WEB SITE; Chapter 7: Recorded Macros: A First Look at the VBA Language; OVERVIEW; DELIVERABLES; UNDER CONSTRUCTION; RECORDING VBA CODE; RUNNING THE EDITED CODE; USING RECORDED MACROS TO BUILD A SIMPLE MODEL; DELIVERABLES CHECKLIST; NEXT STEPS; ON THE WEB SITE; Chapter 8: Writing Menus: An Introduction to Data, Ranges, Arrays, and Objects; OVERVIEW; DELIVERABLES; UNDER CONSTRUCTION; ROLE OF THE MENU; STRUCTURAL ELEMENTS OF A MENU; INTRODUCTION TO VBA VARIABLES VARIABLE TYPES

Sommario/riassunto

This book is designed to start with simple examples that progressively develop the reader's confidence to take on more complex tasks. There is very little theoretical discussion about computer science, operations research algorithms, mathematics, or finance. The thrust of the book is to teach the reader to break complex tasks down into simple tasks. It then looks to implement those simple tasks into VBA code using a critical subset of the features of the language. The tentative contents is: (1) Why? What? Who? Where? and How? (2) Common Sense (3) Securitizing A Loan Portfolio (4) Understandi

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Nota di contenuto	Cover -- Series Page -- Title Page -- Copyright Page -- Contents -- Preface -- Part I: Stepwise Treatment of Industrial Wastewater Using a Combination of Approaches -- Chapter 1 A Review of the Reducing and Alkalinity-Producing System (RAPS) for Acid Mine Drainage Neutralization -- 1.1 Background -- 1.1.1 AMD Generation -- 1.1.2 Effects of AMD on the Environment -- 1.1.3 AMD Treatment Options -- 1.1.3.1 Passive Treatment Systems -- 1.1.3.2 Selection Criteria -- 1.2 The Reducing and Alkalinity-Producing System (RAPS) as a Passive Treatment System -- 1.2.1 Setup of the RAPS -- 1.2.2 Principles of the RAPS -- 1.2.2.1 Sulfate-Reducing Bacteria -- 1.2.2.2 Limestone Dissolution -- 1.2.2.3 Metal Removal Processes -- 1.2.2.4 Performance of RAPS in Treating AMD -- 1.2.2.5 Advantages of RAPS -- 1.2.2.6 Disadvantages -- 1.2.3 Novelty Opportunities of the RAPS -- 1.2.4 Applicability of the RAPS in South Africa -- 1.3 Geochemical Modeling for the Prediction of the Dispersion of Metals in Water Systems -- 1.3.1 Equilibrium Models -- 1.3.1.1 PHREEQC -- 1.3.2 Kinetics Models -- 1.3.2.1 TOUGHREACT -- 1.3.3 Transport Models -- 1.3.3.1 MODFLOW -- 1.3.4 Empirical Modeling -- 1.4 Conclusion -- References -- Chapter 2 Novel Hybrid Nature-Based Solutions for the Sustainable

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6.5.2 Integration of Equipment and Machinery -- 6.6 Overview Recent Chemical Materials Used in Wastewater Treatment Plants -- 6.6.1 Recent Chemical Materials Used in Wastewater Treatment Plants -- 6.6.1.1 Coagulants and Flocculants for Solid-Liquid Separation -- 6.6.1.2 Advanced Oxidation Processes (AOPs) Utilizing Ozone and Hydrogen Peroxide -- 6.6.1.3 Adsorbents and Ion Exchange Resins for Contaminant Removal -- 6.6.1.4 Advancements in Disinfectants for Microbial Control -- 6.7 Conclusions. Acknowledgment.

Sommario/riassunto

The book is essential for understanding innovative solutions to the critical challenges posed by increasing wastewater pollution and the urgent need for sustainable practices in light of climate change and resource scarcity. Increased population growth and climate change put continuous pressure on freshwater resources across the globe. The volume and diversity of pollutants in wastewater discharged from industry have significantly increased over the years, making conventional wastewater treatment systems unfit for managing industrial wastewater released into the environment. The limitations of existing treatments appear not only in the suitability of the technologies to abate emerging pollutants, but also in the approach used to mitigate the situation and ensure sustainability of the process. For wastewater treatment, the circular economy, which is based on the principles reduce, reuse, recycle, restore, and recover, will ensure that waste is minimized and the life-cycle value of natural resources and products is maximized. Considerable progress has been made in developing new technologies that can adequately address the issue. However, with larger volumes of wastewater to treat every day, the cost of treatment is overwhelming, necessitating the right combination of technologies that will promote the reuse of pollutants recovered during the treatment process to offset the treatment cost. Customized Technologies for Sustainable Management of Industrial Wastewater: A Circular Economy Approach presents fifteen comprehensive chapters that cover the sustainability of industrial wastewater treatment technologies with consideration to the circular economy. Readers will find the volume: Emphasizes the mechanisms and strategic combination of technologies that maximize the recovery of valuables during industrial wastewater treatment and deliver effluents treated to the acceptable standard; Discusses the characteristics, purity, and potential uses and applications of the recovered products; Focuses on the strategic development of technologies for the sustainable treatment of industrial wastewater at large. Audience Researchers, mining and industrial professionals, environmental managers, and policymakers involved in environmental, chemical, engineering, and mineral processing fields in the industries; water treatment plants managers and operators, water authorities, government regulatory bodies officers, and environmentalists.
