1. Record Nr. UNINA9910962694103321

Autore	Toro Iniesta J. C. del (Jose Carlos)
Titolo	Introduction to spectropolarimetry / / Jose Carlos del Toro Iniesta
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2003
ISBN	1-107-13539-7 1-280-43456-2 9786610434565 0-511-17899-9 0-511-04278-7 0-511-14892-5 0-511-30612-1 0-511-53625-9 0-511-05454-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xvi, 227 pages) : digital, PDF file(s)
Disciplina	523.01/552
Soggetti	Astrophysical spectropolarimetry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Historical introduction -- 2. A review of some basic concepts -- 3. The polarization properties of quasi-monochromatic light -- 4. Linear optical systems acting on polarized light -- 5. Solar polarimetry -- 6. Absorption and dispersion -- 7. The radiative transfer equation -- 8. The RTE in the presence of a magnetic field -- 9. Solving the radiative transfer equation -- 10. Stokes spectrum diagnostics -- 11. Inversion of the RTE.
Sommario/riassunto	Spectropolarimetry embraces the most complete and detailed measurement and analysis of light, as well as its interaction with matter. This book provides an introductory overview of the area, which plays an increasingly important role in modern solar observations. Chapters include a comprehensive description of the polarization state of polychromatic light and its measurement, an overview of astronomical (solar) polarimetry, the radiative transfer equation for polarized light, and the formation of spectral lines in the presence of a

magnetic field. Most topics are dealt with within the realm of classical physics, although a small amount of quantum mechanics is introduced where necessary. This text will be a valuable reference for graduates and researchers in astrophysics, solar physics and optics.

2. Record Nr. UNINA9910629290803321

Titolo	Product-Focused Software Process Improvement : 23rd International Conference, PROFES 2022, Jyväskylä, Finland, November 21–23, 2022, Proceedings / / edited by Davide Taibi, Marco Kuhrmann, Tommi Mikkonen, Jil Klünder, Pekka Abrahamsson
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031213885 3031213882
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (682 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13709
Disciplina	005.1
Soggetti	Software engineering Social sciences - Data processing Computer networks Artificial intelligence Education - Data processing Software Engineering Computer Application in Social and Behavioral Sciences Computer Communication Networks Artificial Intelligence Computers and Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote -- The End-users of Software Systems deserve better -- Cloud and AI -- Managing the Root Causes of "Internal API Hell": An Experience Report -- Requirements for Anomaly Detection Techniques for Microservices -- Requirements for Anomaly Detection Techniques

for Microservices -- Requirements for Anomaly Detection Techniques for Microservices -- Empirical Studies -- Defining Requirements Strategies in Agile: A Design Science Research -- Analysing the Relationship between Dependency Definition and Updating Practice when Using Third-Party Libraries -- On the Limitations of Combining Sentiment Analysis Tools in a Cross-Platform Setting -- Marine Data Sharing: Challenges, Technology Drivers and Quality Attributes -- Marine Data Sharing: Challenges, Technology Drivers and Quality Attributes -- Data-Driven Improvement of Static Application Security Testing Service: An Experience Report in Visma -- Near Failure Analysis using Dynamic Behavioural Data -- Process Management -- A Process Model of Product Strategy Development: A Case of B2B SaaS Product -- A Process Model of Product Strategy Development: A Case of B2B SaaS Product -- Benefit Considerations in Project Decisions -- Towards Situational Process Management for Professional Education Programmes -- Change Management in Cloud-Based Offshore Software Development: A Client-Vendor Perspective -- Half-Empty Offices in Flexible Work Arrangements: Why are Employees Not Returning? -- Refactoring and Technical Dept -- Technical Debt in Service-Oriented Software Systems -- An Investigation of Entropy and Refactoring in Software Evolution -- "To Clean Code or Not To Clean Code" A Survey among Practitioners -- Software Business and Digital Innovation -- Counter the Uncertainties in a Dynamic World: Approach for Creating Outcome-Driven Product Roadmaps -- Designing Platforms for Crowd-based Software Prototype Validation: A Design Science Study -- Rapid delivery of software: The effect of alignment on time to market -- Exploring the “Why,” “How,” and “What” of Continuous Digital Service Innovation -- Why Traditional Product Roadmaps Fail in Dynamic Markets: Global Insights -- Why Traditional Product Roadmaps Fail in Dynamic Markets: Global Insights -- Why Traditional Product Roadmaps Fail in Dynamic Markets: Global Insights -- Testing and Bug Prediction -- Test Case Selection with Incremental ML -- Inferring Metamorphic Relations from JavaDocs: A Deep Dive Into the MeMo Approach -- An Evaluation of Cross-Project Defect Prediction Approaches on Cross-Personalized Defect Prediction -- A/B Testing in the Small: an Empirical Exploration of Controlled Experimentation on Internal Tools -- TEP-GNN: Accurate Execution Time Prediction of Functional Tests using Graph Neural Networks -- Improving Software Regression Testing Using a Machine Learning-based Method For Test Type Selection -- Early Identification of Invalid Bug Reports in Industrial Settings - A Case Study -- Posters -- RESEM: Searching Regular Expression Patterns with Semantics and Input/Output Examples -- Linking User Stories and Behavior Driven Development Concepts: Ontology, Preliminary Validation and Further Perspectives -- Quality Metrics for Software Development Management and Decision Making: An Analysis of Attitudes and Decisions -- Are NLP Metrics Suitable for Evaluating Generated Code? -- Are NLP Metrics Suitable for Evaluating Generated Code? -- Can the requirements coverage be satisfied with code coverage? User story test coverage -- Tidy Up Your Source Code! Eliminating Wasteful Statements in Automatically Repaired Source Code -- Tutorials- Utilizing User Stories to Bring AI Ethics into Practice in Software Engineering -- Workshop on Engineering Processes and Practices for Quantum Software (PPQS’22) -- Classical to Quantum Software Migration Journey Begins: A Conceptual Readiness Model -- 1st Workshop on Computational Intelligence and Software Engineering (CISE 2022) -- Technical Debt Forecasting from Source Code using Temporal Convolutional Networks -- Adagio: a bot for AuDio processing AGainst vIOlence -- End Users’Perspective of Performance

Issues in Google Play Store -- Predicting Bug-Fixing Time: DistilBERT versus Google BERT -- Proposing Isomorphic Microservices based Architecture for IoT -- Doctoral Symposium -- Ethical Tools, Methods and Principles in Software Engineering and Development: Case Ethical User Stories -- Architectural Degradation and Technical Debt Dashboards (PROFES Doctoral Symposium) -- The Impact of Business Design in Improving the Offering of Professional Software Services -- Applications of MLOps in the Cognitive Cloud Continuum "PROFES Doctoral Symposium" -- Implementing Artificial Intelligence Ethics in Trustworthy System Development- Ethical Requirements for Software Development -- Developing a Critical Success Factor model for DevOps -- Strategic ICT procurement in Finland: Tensions and Opportunities -- Leverage Software Containers Adoption By decreasing Cyber Risks and systemizing the refactoring of monolithic applications.

Sommario/riassunto

This book constitutes the refereed proceedings of the 23rd International Conference on Product-Focused Software Process Improvement, PROFES 2022, which took place in Jyväskylä, Finland in November 2022. The 24 full technical papers, 9 short papers, and 6 poster papers presented in this volume were carefully reviewed and selected from 75 submissions. The book also contains and 8 doctoral symposium papers and 7 tutorial and workshop papers. The contributions were organized in topical sections as follows: Keynote; Cloud and AI; Empirical Studies; Process Management; Refactoring and Technical Dept; Software Business and Digital Innovation; Testing and Bug Prediction; Posters; Tutorials; Workshop on Engineering Processes and Practices for Quantum Software (PPQS'22); 1st Workshop on Computational Intelligence and Software Engineering (CISE 2022); Doctoral Symposium.