

1. Record Nr.	UNINA9910559383303321
Titolo	Artificial intelligence in project management and making decisions // Pedro Y. Pinero Perez, Rafael E. Bello Perez and Janusz Kacprzyk, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-030-97269-0
Descrizione fisica	1 online resource (423 pages)
Collana	Studies in computational intelligence ; ; Volume 1035
Disciplina	006.3
Soggetti	Artificial intelligence Project management - Data processing Project management - Decision making
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Preface -- Acknowledgments -- Contents -- Part I Linguistic Data Summarization for Decision-Making in Project Management -- 1 Linguistic Data Summarization: A Systematic Review -- 1 Introduction -- 2 Methodology -- 3 Linguistic Data Summarization Review -- 3.1 Evolution and Trends in Protoforms for the Construction of Summaries -- 3.2 Methods or Techniques for the Generation of Linguistic Data Summaries -- 3.3 Main Validation Techniques and Methods Used in the Investigations -- 3.4 Areas of Application of Linguistic Summaries -- 4 Conclusions -- References -- 2 New Linguistic Data Summarization Approach for Prediction Problems in Project Management Applications -- 1 Introduction -- 2 Structure of Linguistic Summaries and Contact Points with Fuzzy Inference Systems -- 3 A New Approach for Inference Based on Linguistic Summaries -- 4 Application in Decision-Making in Project Management -- 4.1 Results of Test 1 Impact of the Use of Different Combinations of T Indicators in the Inference Process -- 4.2 Results of Test 2 Comparison of the Proposal with Other Inference Methods -- 5 Conclusions -- References -- 3 Linguistic Data Summarization with Multilingual Approach -- 1 Introduction -- 2 New Approach for Linguistic Summaries Generation by Using Controller Natural Language -- 2.1

Definition of Controlled Natural Languages for the Construction of Multilingual Linguistic Summaries -- 3 New Algorithms for Generation of Multilingual Linguistic Summaries -- 3.1 LPALDS Algorithm Based on Probabilistic Graphs -- 3.2 Algorithm for the Generation of Linguistic Summaries Based on Rough Sets (RSTLDS) -- 3.3 Algorithm for the Humanization of Linguistic Summaries Using Controlled Natural Languages. -- 4 Analysis of Results and Validation of the Proposed Algorithms -- 4.1 Comparison of the Proposed Algorithms with Others Reported in the Bibliography. 4.2 Validation of the Algorithms in Their Ability to Generate Summaries Under a Multilingual Approach -- 5 Conclusions -- References -- 4 Project to Improve Offensive Phase Finalization of Futsal Teams by Using Linguistic Data Summarization Techniques -- 1 Introduction -- 2 Discovering Linguistic Summaries Deal with Futsal Team Weaknesses -- 3 Results and Discussion -- 3.1 Variable Goal in the 2018/2019 Seasons -- 3.2 Variable Positive Shots in 2018/2019 Seasons -- 3.3 Static Positional Strategy Plays in 2018/2019 Seasons with Respect to Goal and Positive Shots -- 3.4 Positional Transitions in Motion in 2018/2019 Seasons Regarding Goal and Positive Shots -- 4 Conclusions -- References -- 5 Algorithms for Linguistic Description of Categorical Data -- 1 Introduction -- 2 Method for Generating Composite Linguistic Summaries -- 2.1 Generation of Association Rules -- 2.2 Building Type-I Constituent Summaries -- 2.3 Building Type-II Constituent Summaries -- 2.4 Building the Evidence Composite Relations -- 2.5 Building the Contrast Composite Relations -- 2.6 Building the Emphasis Composite Relations -- 3 Use Case -- 3.1 Design and Implementation -- 3.2 Results and Examples -- 4 Evaluating the Interpretability of Relations -- 4.1 Design -- 4.2 Instrument -- 5 Results and Discussion -- 6 Conclusions -- References -- 6 New Indicators for the Assessment of Linguistic Summaries Considering a Rough Sets Approach -- 1 Introduction -- 2 Traditional Indicators for the Evaluation of Linguistic Summaries -- 2.1 Degree of Truth -- 2.2 Degree of Imprecision T2 -- 2.3 Degree of Coverage T3 -- 2.4 Degree of Appropriateness T4 -- 2.5 Length of a Summary T5 -- 3 New Extensions of T Indicators to Evaluate Linguistic Summaries -- 3.1 Definitions and Notations Used in the Proposed Extensions -- 3.2 Extensions for Calculating the Degree of Truth Te1a. 3.3 Extensions to Degree of Imprecision -- 3.4 Extension to the Calculation of the Degree of Coverage Te3 -- 3.5 Extension to the Calculation of the Degree of Appropriateness Te4 -- 3.6 Extension to the Evaluation of the Length of Te5 Summaries -- 4 Comparison of Traditional and Extended Indicators -- 4.1 Analysis of the Behavior of the Degree of Truth Indicator and Its Extensions -- 4.2 Analysis of the Behavior of the Degree of Support Indicator and Its Extension -- 4.3 Analysis of the Behavior of the Degree of Appropriateness Indicator and Its Extension -- 4.4 Analysis of the Behavior of the Indicator Length of a Summary and Its Extension -- 4.5 Summary of Comparison of Indicators Regarding the Treatment of Uncertainty -- 5 Conclusions -- References -- Part II Planning and Sustainability of Projects Assisted by Artificial Intelligence -- 7 Constraints Learning Univariate Estimation of Distribution Algorithm on the Multi-mode Project Scheduling Problem -- 1 Introduction -- 2 Modeling the MMRCPPSP Optimization Problem -- 2.1 Formalization of the Optimization Problem -- 2.2 Constraints Learning Univariate Marginal Distribution Algorithm (CLUMDA) -- 2.3 Solution Design -- 2.4 Detailed Formalization of the CLUMDA -- 3 Experimental Results and Discussion -- 3.1 "Mean Makespan" Variable -- 3.2 "Number

of Times the Optimum Founded" Variable -- 4 Conclusions --
References -- 8 New Methods for Feasibility Analysis of Investment
Projects in Uncertain Environments -- 1 Introduction -- 2 Background
-- 3 Model for the Feasibility Analysis of Investment Projects
in Environments with Uncertainty -- 4 Experimentation -- 4.1 Case
Study -- 5 Conclusions -- References -- 9 Sustainability Risk
Management for Project-Oriented Organizations -- 1 Introduction -- 2
Procedure -- 2.1 Stage 1. Previous Preparation -- 2.2 Stage 2.
Organizational Analysis.
2.3 Stage 3. Risk Evaluation -- 2.4 Stage 4. Risk Treatment -- 2.5
Stage 5. Monitoring and Continuous Improvement -- 3 Results -- 3.1
User Satisfaction with the Proposed Procedure -- 3.2 Case Study -- 4
Conclusions -- References -- 10 New Extensions of Fuzzy Cognitive
Maps for Sequential Multistage Decision-Making Problems: Application
in Project Management -- 1 Introduction -- 2 Multistage Sequential
Triangular Neutrosophic Cognitive Map (MSTrNCM) -- 2.1
Representation of the Relationships Among Concepts and Map
Construction -- 2.2 Map Inference and Activation Function -- 3
Neutrosophic Cognitive Map Based on Linguistic Data Summarization
-- 3.1 Representation of the Relationships Among Concepts and Map
Construction -- 3.2 Inference Process of NCMLDS -- 4 Validation
and Results Analysis -- 4.1 Experiment 1: Analysis of the Algorithms
Regarding the Parameter Lambda -- 4.2 Experiment 2: Comparison
Regarding the Error in Prediction and Precision -- 4.3 Experiment 3:
Algorithms Applicability Analysis -- 4.4 Experiment 4: Evaluation
of the Efficiency of Algorithms Considering the Indicator "Execution
Time" -- 5 Conclusion and Future Work -- References -- 11 A Software
Ecosystem for Project Management in BIM Environments Assisted
by Artificial Intelligent Techniques -- 1 Introduction -- 2 Brief Analysis
of Software Ecosystems -- 3 Architecture of the BusinessRedmine
Software Ecosystem -- 4 Results Analysis -- 4.1 Experiment 1:
Comparison of the Proposal with Other Tools -- 4.2 Experiment 2:
Analysis of the System Implementation Process in Different Scenarios
-- 4.3 Experiment 3: Analysis of the Behavior of the Project Evaluation
Subsystem -- 5 Conclusions -- References -- Part III Knowledge
and Human Resources Management Assisted by Artificial Intelligence --
12 Team Formation Integrating Various Factors: Model and Solution
Approach -- 1 Introduction.
2 Related Works -- 2.1 Formation of Student Teams -- 2.2 Formation
of Experts Teams in Social Networks -- 2.3 Formation of Sports Teams
-- 2.4 Formation of Professional Teams -- 2.5 Formation of Software
Teams -- 2.6 Formation of Medical Teams -- 3 Multiple Team
Formation Model -- 4 Solution Approach to the Multiple Team
Formation Model -- 5 Experiments -- 6 Conclusions and Future Works
-- References -- 13 A TOPSIS-Based Method for Personnel Selection
in Software Projects -- 1 Introduction -- 2 Background on MCDM
Process and Methods -- 3 The Proposed TOPSIS-Based Method
for Personnel Selection in Software Projects -- 4 Solving a Personnel
Selection Problem in a Cuban IT Project -- 5 Conclusions -- References
-- 14 Combining Artificial Intelligence and Project Management
Techniques in Ecosystem for Training and Innovation -- 1 Introduction
-- 2 Proposal for an Ecosystem of Training and Innovation in Project
Management -- 3 Analysis of Results and Application of the Program
-- 3.1 Analysis of Results in the Application in the Master's Program
in Project Management -- 3.2 Analysis of Results in the Development
of the BusinessRedmine Ecosystem and Its Application in Different
Environments -- 4 Conclusions -- References -- 15 Evaluation
of an Accreditation Variable for University Institutions Using 2 Tuple

Linguistic Representation Model -- 1 Introduction -- 2 Materials and Methods -- 2.1 Characteristics of the Quality Evaluation Process of Higher Education Institutions in Cuba -- 2.2 The Evaluation of the Quality of HEIs as a Decision-Making Problem -- 3 Results and Discussion -- 3.1 Description and Classification of the Problem -- 3.2 Solution of the Problem by Means of FLINSTONES -- 4 Conclusions -- References -- 16 Ontology-Based Management of the Scientific Activity in Software Development Projects -- 1 Introduction -- 2 Technologies and Tools. 3 Ontology for the Management of Scientific Activity.

2. Record Nr.	UNINA9910953341003321
Titolo	Italy in the age of the Renaissance : 1300-1550 // edited by John M. Najemy
Pubbl/distr/stampa	Oxford ; , : Oxford University Press, , 2023
ISBN	1-383-03139-8 1-282-32816-6 9786612328169 0-19-152484-0 1-4356-0685-X
Edizione	[New Ed]
Descrizione fisica	1 online resource (344 p.)
Collana	The short Oxford history of Italy Oxford scholarship online
Disciplina	945/.05 945.05
Soggetti	Renaissance - Italy Italy Civilization 1268-1559
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Formerly CIP. Previously issued in print: 2004.
Nota di bibliografia	Includes bibliographical references (pages [267]-295) and index.
Nota di contenuto	General Editor's Preface; Acknowledgements; Contents; List of contributors; Introduction: Italy and the Renaissance; 1 Education and the emergence of a literate society; 2 Humanism and the lure of antiquity; 3 Religion and the Church; 4 Family and marriage: a socio-

legal perspective; 5 Bodies, disease, and society; 6 The economy: work and wealth; 7 The popolo; 8 The power of the elites: family, patronage, and the state; 9 Governments and governance; 10 The South; 11 Representations of power; 12 Rethinking the Renaissance in the aftermath of Italy's crisis; Further reading; Chronology; Maps
Index

Sommario/riassunto

This examination of Italy during one of the most crucial periods in the development of Western European culture will be of equal interest both to students and to lay readers.
