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Nota di contenuto	Intro -- Contents -- Traveling Advisor Problem in Occupational Health and Safety Field with a Case Study from Egypt -- 1 Introduction -- 2 Occupational Health and Safety Advisory Problem -- 3 Traveling Advisor Problem Vs. Traveling Salesman Problem -- 3.1 The Traveling Salesman Problem: An Overview -- 3.2 Main Differences Between TAP and TSP -- 4 Traveling Advisor Problem with Single Advisor -- 5 A Real Application Example -- 6 Proposed Methodology -- 6.1 Gaining-Sharing Knowledge-Based Optimization Algorithm (GSK) -- 6.2 Binary Gaining-Sharing Knowledge-Based Optimization Algorithm (BGSK) -- 6.2.1 Binary Initialization -- 6.2.2 Binary Junior Gaining and Sharing Stage -- 6.2.3 Binary Senior Gaining and Sharing Stage -- 7 Experimental Results -- 8 Conclusions and Points for Future Research -- References -- Data Envelopment Analysis for Healthcare Systems Assessment: Review and Applications from Tunisia -- 1 Introduction -- 2 Main Features of the DEA Approach -- 2.1 Main DEA Models -- 2.2 Types of Scale Efficiency -- 2.3 Calculation of the Efficiency Scores -- 2.4 Identification of the Reference Peers (Benchmarking) -- 3 Applications of the DEA in the Healthcare Field -- 3.1 Macro-level-

Based Studies -- 3.1.1 One-Phase-DEA Models -- 3.1.2 Two-Phases-DEA Models -- 3.2 Conducted Studies Within a Single Hospital -- 3.2.1 Integration of All DMUs -- 3.2.2 Partial Integration of DMUs -- 4 Applications in Tunisia -- 5 Challenges and Opportunities -- 6 Conclusion -- References -- Artificial Intelligence and Operations Research in a Middle Ground to Support Decision-Making in Healthcare Systems in Africa -- 1 Introduction -- 2 AI &amp -- OR, Together for Better Healthcare Decision-Making -- 2.1 Logistics and Management for Healthcare -- 2.1.1 Patients´ Scheduling -- 2.1.2 Other Resources´ Scheduling -- 2.1.3 Capacity Planning -- 2.1.4 Transport Routing.
2.2 Healthcare Practice Support -- 2.2.1 Disease Diagnosis -- 2.2.2 Treatment Planning -- 2.3 Specialized and Preventive Care -- 2.3.1 Organ Transplant -- 2.3.2 Disease Prevention -- 3 Challenges and Opportunities of AI Implementation to Solve Optimization Problems in Africa -- 3.1 State of Art and Opportunities -- 3.2 Challenges -- 3.2.1 Inadequate Infrastructure -- 3.2.2 Adoption Is Costly -- 3.2.3 Data Is an Issue -- 3.2.4 Legal &amp -- Policy Issues -- 4 Conclusion -- References -- A CODAS Disaggregation Approach for Urban Rainwater Management -- 1 Introduction -- 2 Literature Review -- 3 The CODAS Method -- 4 The Process of an Interactive Group Preference Disaggregation Approach -- 5 Resolution of the Mathematical Program -- 6 Case Study, Result, and Discussion -- 7 Conclusions and Future Work -- References -- Untitled -- Evaluating How the Regulatory Ecosystem Promotes Entrepreneurial Activities in Africa -- 1 Introduction -- 2 Composite Indicators -- 2.1 Principal Component Analysis -- 2.2 Data Envelopment Analysis -- 3 Case Study: Venture Initiations -- 4 Results and Analysis -- 5 Limitations of the Case Study -- 6 Conclusion and Future Projects -- Bibliography -- Exact Resolution for Healthcare Facility Location Problem: A Case Study of the Specific Pharmacy of Tunisia -- 1 Introduction -- 2 The Multi-Covering Tour Problem (M-CTP) -- 2.1 Overview of the Literature for the M-CTP -- 2.2 Notation and Model Formulation -- 3 Computational Experiments -- 3.1 Preparing Instances -- 3.2 Results -- 4 Conclusions -- References -- Applications of Transportation Models in Africa -- 1 Introduction -- 1.1 Africa Infrastructure -- 1.2 Impact of Africa Transportation Infrastructure on Economic Development -- 2 Case Studies in Africa -- 2.1 Routing Problems -- 2.1.1 Vehicle Routing Problems -- 2.1.2 Other Routing Issues -- 2.2 Waste Management Problems.
2.2.1 Urbanization´s Impact on Waste Management -- 2.2.2 Solid Waste Management Problems -- 2.2.3 Waste of Electrical and Electronic Equipment -- 3 Conclusion -- References -- Operations Research Case Study Papers for Africa: A Bibliometric Review -- 1 Introduction -- 2 Data Collection and Analysis Methods -- 2.1 Data Sources -- 2.2 Methods -- 3 The Current Status of OR Case Studies in Africa -- 3.1 Publication and Citation Pattern Analysis -- 3.2 Research Trends at a Disciplinary Level -- 3.3 Major Contributors to OR-CSA: A Collaboration Analysis -- 3.3.1 Co-authorship Network -- 3.3.2 Co-institute Co-Country Network -- 4 Research Hotspots and Research Trend: The Intellectual Base -- 4.1 Co-citation Analysis -- 4.2 Timeline-View Analysis -- 4.3 The Intellectual Base -- 5 Research Frontiers and Major Milestones -- 6 Conclusion -- References -- Economic Resilience and Foreign Development Aid: Lessons from Sub-Saharan Africa -- 1 Introduction -- 2 Literature Review -- 3 Data Description -- 4 Method of Study -- 5 Results and Discussion -- 6 Conclusion and Recommendations -- References -- Fintech Adoption for Poverty Alleviation in African Countries: Application of Supervised Machine Learning Approach -- 1 Introduction -- 2 Literature Review --

3 Data Description and Methodology -- 4 Results and Analysis -- 5 Conclusion -- References.