1. Record Nr. UNINA9910865274503321 Autore Phillipson Frank Titolo Innovations for Community Services: 24th International Conference, I4CS 2024, Maastricht, the Netherlands, June 12-14, 2024, Proceedings Cham:,: Springer,, 2024 Pubbl/distr/stampa ©2024 **ISBN** 3-031-60433-4 Edizione [1st ed.] Descrizione fisica 1 online resource (433 pages) Collana Communications in Computer and Information Science Series; ; v.2109 Altri autori (Persone) EichlerGerald ErfurthChristian FahrnbergerGünter Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Intro -- Foreword -- Preface -- Organization -- Invited Talks --Decision Support for Home Health Care Services in Urban Regions --Saving Lives with Mathematics -- Contents -- Invited Paper --Responsibility and Explainability in Using Intelligent Systems -- 1 Introduction -- 2 Basic Model: The Responsibility Triangle -- 2.1 The Smart Mobility Case -- 2.2 The Healthcare Case -- 3 Extended Model: The Responsibility Quadrangle -- 3.1 The Smart Mobility Case -- 3.2 The Healthcare Case -- 4 Quadrangle with Direct and Proxy Actors --4.1 The Smart Mobility Case -- 4.2 The Healthcare Case -- 5 Conclusions -- References -- Quantum Computing -- QUBO Formulation for Sparse Sensor Placement for Classification -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 3.1 The Model --3.2 Quantum Annealing and QUBO Formulation -- 3.3 A Quantum Annealing Approach to Feature Selection -- 3.4 Machine Learning Approach to SSPO by Brunton et al. -- 3.5 LDA Classifier Algorithm --4 Results and Discussion -- 4.1 Extended Yale B Database -- 4.2 Experiments and Results -- 4.3 Discussion -- 5 Conclusion --References -- Leveraging Quantum Technology to Enhance Community

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