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Nota di contenuto	Intro -- Preface -- Contents -- How to Elicit Complex-Valued Fuzzy Degrees -- 1 Formulation of the Problem -- 2 Analysis of the Problem -- 3 So How to Elicit Complex-Valued Fuzzy Degrees: Algorithm and Discussion -- 4 Conclusions -- References -- Flutter Mitigation via Fuzzy Gain Scheduling of a Passivity-Based Controller -- 1 Introduction -- 1.1 Problem -- 1.2 Genetic Fuzzy Control -- 1.3 Benchmark Aerodynamic Controls Technology Model -- 2 Methodology -- 2.1 Standard Controller -- 2.2 Fuzzy Gain Scheduled Controller -- 3 Results and Discussion -- 4 Conclusions -- References -- A New Weighting Method in Fuzzy Multi-criteria Decision Making: Selected Element Reduction Approach (SERA) -- 1 Introduction -- 2 Preliminaries -- 3 Methodology -- 4 Application -- 5 Conclusion -- References -- Genetic Fuzzy System for Pitch Control on a F-4 Phantom -- 1 Introduction -- 2 F-4 Fighter Pitch Angle Dynamic Behavior -- 3 Genetic Takagi-Sugeno-Kang Fuzzy Inference System -- 4 Conclusions and Future Works -- References -- Analyzing the Sars-Cov-2 Pandemic Outbreak Using Fuzzy Sets and the SIR Model -- 1 Introduction -- 2 The Sars-Cov-2 Pandemic -- 3 Basic Concepts on Fuzzy Sets -- 4 SIR Model -- 4.1 Fuzzy Solution and Asymptotic Behavior -- 4.2 Time-Varying Basic Reproductive Number -- 5 Application to Sars-Cov-2

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