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Nota di contenuto	Intro -- About the Conference -- Message from the Director -- Message from the Honorary Chair -- Message from the General Chair -- Message from Head of the Department -- Message from the Organizing Chairs -- Keynote Speeches -- Future Directions -- Committee -- Contents -- About the Editors -- Control and Robotics Track-1 -- Performance Assessment of Unstable Systems Subjected to Ramp Input Changes -- 1 Introduction -- 2 Problem Statement -- 3 IAE-TV-Based Assessment Index -- 3.1 Standard Assessment Benchmarks -- 3.2 Performance Assessment Index -- 4 Conditions for Better Performance -- 4.1 Single Feedback (SFB) Control Scheme -- 4.2 Simulations Results -- 5 Conclusions -- References -- Level Control of a Two-Tank System Using Quantitative Feedback Theory-Based Controller -- 1 Introduction -- 1.1 Why Quantitative Feedback Theory (QFT)? -- 1.2 Literature Review -- 1.3 Research Contribution of the Paper -- 2 Modelling of Two-Tank System -- 2.1 Terminologies and Notations -- 2.2 Mathematical Modelling -- 2.3 Derivation of Interval Type of Parametric Uncertainty -- 3 Design of QFT-Based Controller -- 3.1 Choice of Control Structure -- 3.2 Performance Specifications -- 3.3 Choice of Nominal Plant and Construction of Plant Templates -- 3.4 Computation of Bounds -- 3.5 Loop Shaping -- 3.6 Design of Pre-filter -- 4 Result and Discussion -- 4.1 Comparative Analysis with Existing Controllers -- 5 Conclusions --

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