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Titolo	Linear systems [[electronic resource]] : non-fragile control and filtering // Guang-Hong Yang ... [et al.]
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Altri autori (Persone)	YangGuang-Hong
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Nota di contenuto	Front Cover; Contents; Preface; Symbol Description; Chapter 1: Introduction; Chapter 2: Preliminaries; Chapter 3: Non-Fragile State Feedback Control with Norm-Bounded Gain Uncertainty; Chapter 4: Non-Fragile Dynamic Output Feedback Control with Norm-Bounded Gain Uncertainty; Chapter 5: Robust Non-Fragile Kalman Filtering with Norm-Bounded Gain Uncertainty; Chapter 6: Non-Fragile Dynamic Output Feedback Control with Interval-Bounded Coefficient Variations; Chapter 7: Non-Fragile H Filtering with Interval-Bounded Coefficient Variations Chapter 8: Insensitive H Filtering of Continuous-Time SystemsChapter 9: Insensitive H Filtering of Delta Operator Systems; Chapter 10: Insensitive H Output Tracking Control; Chapter 11: Insensitive H Dynamic Output Feedback Control; Bibliography; Back Cover
Sommario/riassunto	"Designing controllers/filters such that the resulting closed-loop systems are non-fragile or insensitive with respect to the perturbations in the controller or filter coefficients has become an important research topic in many fields of engineering and science. This book develops a systematic presentation of the newly proposed methods for non-fragile/insensitive control/filtering of linear systems with respect to controller/filter coefficient variations. It provides designs and guidelines that can be used to develop advanced non-fragile control

techniques to improve reliability, maintainability, and survivability of complex control systems"--
