Σύγχρονη Θεωρία Ελέγχου

Αναστάσιος Πουλιέζος
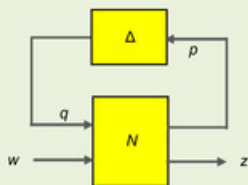
• • •

Abstract

This book deals with the modern robust control theory, which is based on the notion of the minimum norm criterion (H2-norm, H-inf norm). Classical control theory is also briefly introduced: multivariable loop shaping and classical optimal control theory, based on Pontryagin's principles. Necessary math are included in the Appendix. The theory is supplemented by a number of original examples, from various scientific fields, as well as exercises. Solutions are accompanied by 0n-line and off0line MATLAB code and internet applications.