

15	Adaptive Feedforward Compensation of Disturbances
15.1	Introduction
15.2	Basic Equations and Notations
15.3	Development of the Algorithms
15.4	Analysis of the Algorithms
15.4.1	The Deterministic Case - Perfect Matching
15.4.2	The Stochastic Case - Perfect Matching
15.4.3	The Case of Non-Perfect Matching
15.4.4	Relaxing the Positive Real Condition
15.5	Adaptive Attenuation of Broad Band Disturbances on an Active Vibration Control System
15.5.1	System Identification
15.5.2	Experimental results
15.6	Concluding Remarks
15.7	Problems