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Introduction; 7.2 Absolute Stability; 7.3 Describing Function Approximation: 7.4 Applications to Aeroservoelastic Systems: References: Chapter 8: Model Reference Adaptation of Aeroservoelastic Systems; 8.1 Lyapunov-Like Stability of Non-autonomous Systems; 8.2 Gradient-Based Adaptation; 8.3 Lyapunov-Based Adaptation; 8.4 Aeroservoelastic Applications; References; Chapter 9: Adaptive Backstepping Control; 9.1 Introduction; 9.2 Integrator Backstepping; 9.3 Aeroservoelastic Application; Reference Chapter 10: Adaptive Control of Uncertain Nonlinear Systems10.1 Introduction; 10.2 Integral Adaptation; 10.3 Model Reference Adaptation of Nonlinear Plant; 10.4 Robust Model Reference Adaptation; References; Chapter 11: Adaptive Transonic Aeroservoelasticity; 11.1 Steady Transonic Flow Characteristics; 11.2 Unsteady Transonic Flow Characteristics; 11.3 Modelling for Transonic Unsteady Aerodynamics; 11.4 Transonic Aeroelastic Plant; 11.5 Adaptive Control of Control-Surface Nonlinearity; 11.6 Adaptive Control of Limit-Cycle Oscillation; References Appendix A: Analytical Solution for Ideal Unsteady Aerodynamics