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Sommario/riassunto	Model Free Adaptive Control: Theory and Applications summarizes theory and applications of model-free adaptive control (MFAC) MFAC is a novel adaptive control method for the unknown discrete-time nonlinear systems with time-varying parameters and time-varying structure, and the design and analysis of MFAC merely depend on the measured input and output data of the controlled plant, which makes it more applicable for many practical plants.