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	Nota di contenuto	Introduction -- Adaptive Iterative Learning Control Design for A Class of Uncertain Time-varying Parameterized Nonlinear -- Adaptive Iterative Learning Control Design for Uncertain Time-varying Non-parameterized Nonlinear -- Adaptive Iterative Learning Control Design for Uncertain Time-varying Nonlinear Delay systems -- Observer-based Adaptive Iterative Learning Control Design for Uncertain Time-varying Nonlinear Delay Systems -- Observer-based Adaptive Iterative Learning Control Design for Robotic Manipulator -- Summary and Further Research Outlook.
	Sommario/riassunto	This book focuses on adaptive iterative learning control problem for nonlinear time-delay systems. A universal adaptive learning control scheme is provided for a wide classes of nonlinear systems with time-varying delay and input nonlinearity. Proceeding from easy to difficult, this book deals with the adaptive iterative learning control problems for parameterized nonlinear time-delay systems, non-parameterized nonlinear time-delay systems, nonlinear time-delay systems with unknown control direction and nonlinear time-delay systems with un-measurable states. The proposed control schemes can be extended to

the adaptive learning control problem for wider classes of nonlinear systems revelent to abovementioned nonlinear systems. The topics presented in this book are research hot spots of iterative learning control. This book will be a valuable reference for researchers and students working or studying in this area.