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Nota di contenuto	Stabilizing Systems with Uncertain Time Delay via PID Control:How Good Is It -- Stability Analysis of Linear Delay Systems via Internally Positive Representations: an overview -- Control by Set Invariance of a Class of Convolution Systems.
Sommario/riassunto	Time-delays are fundamental to understand phenomena in control applications as networked systems, traffic management, control of vibrations, and supply chains. The need for a performance and reliability on these systems has to overcome challenges related to the constraints in the controlled systems. These constraints can be physical, such as input magnitude saturation on actuators, or technological, such as the limited bandwidth in a networked system or the fixed structure in a control architecture, where only a few parameters can be set. This volume provides a wide-ranging collection of methods for the analysis and design of control laws for delay systems with constraints. These methods cover fundamental analytical

aspects as, for instance, the stability analysis of Positive Delay systems or the achievable performance of PID controls for delay systems. The book gives valuable material for researchers and graduate students in Automatic Control. .
