1. Record Nr.   UNINA9910558494603321

   Titolo   Accounting for constraints in delay systems / / Giorgio Valmorbida,
                          Wim Michiels and Pierdomenico Pepe, editors

   Pubbl/distr/stampa   Cham, Switzerland : , : Springer Nature Switzerland AG, , [2022]
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   ISBN   3-030-89014-7

   Descrizione fisica   1 online resource (261 pages)

   Collana   Advances in delays and dynamics ; ; Volume 12

   Disciplina   530.1435

   Soggetti   Time delay systems
                          Automatic control
                          Constraints (Physics)

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di bibliografia   Includes bibliographical references and index.

   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.