1. Record Nr. UNISA996466544903316 Autore Glizer Valery Y. Titolo Controllability of singularly perturbed linear time delay systems / / Valery Y. Glizer Pubbl/distr/stampa Cham, Switzerland:,: Birkhauser,, [2021] ©2021 **ISBN** 3-030-65951-8 Descrizione fisica 1 online resource (429 pages) Systems and Control: Foundations and Applications Collana Disciplina 003.74 Soggetti Linear systems Control theory Sistemes lineals Teoria de control Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Intro -- Contents -- 1 Introduction -- 1.1 Real-Life Models -- 1.1.1 Neurosystem Model -- 1.1.2 Sunflower Equation -- 1.1.3 Model of Nuclear Reactor Dynamics -- 1.1.4 Model of Controlled Coupled-Core Nuclear Reactor -- 1.1.5 Car-Following Model: Lane as a Simple Open Curve -- 1.1.6 Car-Following Model: Lane as a Simple Closed Curve --References -- 2 Singularly Perturbed Linear Time Delay Systems -- 2.1 Introduction -- 2.2 Singularly Perturbed Systems with Small Delays --2.2.1 Original System -- 2.2.2 Slow-Fast Decomposition of the Original

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