1. Record Nr. UNINA9910688306803321 Control Theory in Engineering / / edited by Constantin Volosencu [and Titolo three others] Pubbl/distr/stampa London:,:IntechOpen,,2020 Descrizione fisica 1 online resource (374 pages): illustrations 629.8 Disciplina Soggetti Automatic control - Data processing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Sommario/riassunto The subject matter of this book ranges from new control design methods to control theory applications in electrical and mechanical engineering and computers. The book covers certain aspects of control theory, including new methodologies, techniques, and applications. It promotes control theory in practical applications of these engineering domains and shows the way to disseminate researchers' contributions in the field. This project presents applications that improve the properties and performance of control systems in analysis and design using a higher technical level of scientific attainment. The authors have included worked examples and case studies resulting from their research in the field. Readers will benefit from new solutions and answers to questions related to the emerging realm of control theory in

engineering applications and its implementation.