

1. Record Nr.	UNINA9910337628903321
Autore	Armendia Mikel
Titolo	Twin-Control [[electronic resource]] : A Digital Twin Approach to Improve Machine Tools Lifecycle // edited by Mikel Armendia, Mani Ghassempouri, Erdem Ozturk, Flavien Peysson
Pubbl/distr/stampa	Cham, : Springer Nature, 2019 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-02203-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVI, 296 p. 225 illus., 220 illus. in color.)
Disciplina	670
Soggetti	Manufactures Vibration Dynamical systems Dynamics Control engineering Machinery Manufacturing, Machines, Tools, Processes Vibration, Dynamical Systems, Control Control and Systems Theory Machinery and Machine Elements
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Introduction -- Virtual Representation of the Machine Tool and Machining Processes -- Real Representation of the Machine Tool and Machining Processes -- Integration of the Twin Concept -- From Theory to Practice -- Summary and Conclusions.
Sommario/riassunto	This open access book summarizes the results of the European research project "Twin-model based virtual manufacturing for machine tool-process simulation and control" (Twin-Control). The first part reviews the applications of ICTs in machine tools and manufacturing, from a scientific and industrial point of view, and introduces the Twin-Control approach, while Part 2 discusses the development of a digital

twin of machine tools. The third part addresses the monitoring and data management infrastructure of machines and manufacturing processes and numerous applications of energy monitoring. Part 4 then highlights various features developed in the project by combining the developments covered in Parts 3 and 4 to control the manufacturing processes applying the so-called CPSs. Lastly, Part 5 presents a complete validation of Twin-Control features in two key industrial sectors: aerospace and automotive. The book offers a representative overview of the latest trends in the manufacturing industry, with a focus on machine tools. .

2. Record Nr.	UNISALENTO991003244239707536
Autore	Fisher, Herbert Albert Laurens
Titolo	L'esperimento liberale / H. A. L. Fisher ; traduzione italiana di Ada Prospero
Pubbl/distr/stampa	Bari : Gius. Laterza & Figli, 1937
Descrizione fisica	488 p. ; 22 cm
Collana	Storia d'Europa ; 3 Collezione storica
Altri autori (Persone)	Marchesini Gobetti, Ada
Disciplina	940
Soggetti	Europa - Storia
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia