1.	Record Nr.	UNINA9910483435903321
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	Titolo	Nonlinear Time-Delay Systems : A Geometric Approach / / by Claudia Califano, Claude H. Moog
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
	ISBN	3-030-72026-8
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (x, 105 pages)
	Collana	SpringerBriefs in Control, Automation and Robotics, , 2192-6794
	Disciplina	629.83
	Soggetti	Control engineering
		Geometry, Differential
		Control and Systems Theory
		Differential Geometry
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Geometric Tools for Time Delay Systems -- Chapter 3. The Geometric Framework – Results on Integrability -- Chapter 4. Accessibility of Nonlinear Time-Delay Systems -- Chapter 5. On the Geometric Interpretation of the Polynomial Lie Bracket -- Chapter 6. Observability -- Chapter 7. Characterization of the Chain Form with Delays -- Chapter 8. Applications of Integrability -- Chapter 9. Control of Single-Input Time Delay Systems.
	Sommario/riassunto	This brief focuses on the structural properties of nonlinear time-delay systems. It provides a link between coverage of fundamental theoretical properties and advanced control algorithms, as well as suggesting a path for the generalization of the differential geometric approach to time-delay systems . The brief begins with an introduction to a class of single-input nonlinear time-delay systems. It then focuses on geometric methods treating them and offers a geometric framework for integrability. The book has chapters dedicated to the accessibility and observability of nonlinear time-delay systems, allowing readers to understand the systems in a well-ordered, structured way. Finally, the brief concludes with applications of integrability and the control of single-input time-delay systems. This brief employs exercises and

examples to familiarize readers with the time-delay context. It is ofinterest to researchers, engineers and postgraduate students who work in the area of nonlinear control systems.