

1. Record Nr.	UNINA9910716429003321
Titolo	Protection of fish in the Potomac River within the District of Columbia. January 15, 1927. -- Ordered to be printed
Pubbl/distr/stampa	[Washington, D.C.] : , : [U.S. Government Printing Office], , 1927
Descrizione fisica	1 online resource (2 pages)
Collana	Senate report / 69th Congress, 2nd session. Senate ; ; no. 1251 [United States congressional serial set] ; ; [serial no. 8685]
Altri autori (Persone)	CapperArthur <1865-1951> (Republican (KS))
Soggetti	Fishery law and legislation Fishery management Fishing Wildlife conservation Legislative materials.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Batch processed record: Metadata reviewed, not verified. Some fields updated by batch processes. FDLP item number not assigned.

2. Record Nr.	UNINA9910438160003321
Autore	Kawan Christoph
Titolo	Invariance Entropy for Deterministic Control Systems : An Introduction / / by Christoph Kawan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	3-319-01288-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XXII, 270 p. 2 illus., 1 illus. in color.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2089
Disciplina	515.42
Soggetti	Dynamics Ergodic theory System theory Dynamical Systems and Ergodic Theory Systems Theory, Control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Basic Properties of Control Systems -- Introduction to Invariance Entropy -- Linear and Bilinear Systems -- General Estimates -- Controllability, Lyapunov Exponents, and Upper Bounds -- Escape Rates and Lower Bounds -- Examples -- Notation -- Bibliography -- Index.
Sommario/riassunto	This monograph provides an introduction to the concept of invariance entropy, the central motivation of which lies in the need to deal with communication constraints in networked control systems. For the simplest possible network topology, consisting of one controller and one dynamical system connected by a digital channel, invariance entropy provides a measure for the smallest data rate above which it is possible to render a given subset of the state space invariant by means of a symbolic coder-controller pair. This concept is essentially equivalent to the notion of topological feedback entropy introduced by Nair, Evans, Mareels and Moran (Topological feedback entropy and nonlinear stabilization. IEEE Trans. Automat. Control 49 (2004), 1585–1597). The book presents the foundations of a theory which aims at finding expressions for invariance entropy in terms of dynamical

quantities such as Lyapunov exponents. While both discrete-time and continuous-time systems are treated, the emphasis lies on systems given by differential equations.
