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Autore	Granger C. W. J (Clive William John), <1934-2009, >
Titolo	Essays in econometrics : collected papers of Clive W.J. Granger . Volume 2 Causality, integration and cointegration, and long memory / / edited by Eric Ghysels, Norman R. Swanson, Mark W. Watson [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2001
ISBN	1-139-88285-6 1-280-16035-7 1-139-14681-5 0-511-11903-8 0-511-06725-9 0-511-06094-7 0-511-29763-7 0-511-75397-7 0-511-06938-3
Descrizione fisica	1 online resource (xviii, 378 pages) : digital, PDF file(s)
Collana	Econometric Society monographs ; ; 33
Disciplina	330/.01/5195
Soggetti	Econometrics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book, and its companion volume in the Econometric Society Monographs series (ESM number 32), present a collection of papers by Clive W. J. Granger. His contributions to economics and econometrics, many of them seminal, span more than four decades and touch on all aspects of time series analysis. The papers assembled in this volume explore topics in causality, integration and cointegration, and long memory. Those in the companion volume investigate themes in causality, integration and cointegration, and long memory. The two volumes contain the original articles as well as an introduction written by the editors.

2. Record Nr. UNISA996208254803316

Autore	Feyel Philippe
Titolo	Loop-shaping robust control [[electronic resource] /] / Philippe Feyel
Pubbl/distr/stampa	London, : ISTE, 2013
ISBN	1-118-57524-5 1-118-57475-3 1-118-57489-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (287 p.)
Collana	Automation-control and industrial engineering series
Disciplina	629.8
Soggetti	Robust control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Contents; Introduction; Chapter 1. The Loop-shaping Approach; 1.1. Principle of the method; 1.1.1. Introduction; 1.1.2. Sensitivity functions; 1.1.3. Declination of performance objectives; 1.1.4. Declination of the robustness objectives; 1.2. Generalized phase and gain margins; 1.2.1. Phase and gain margins at the model's output; 1.2.2. Phase and gain margins at the model's input:; 1.3. Limitations inherent to bandwidth; 1.4. Examples; 1.4.1. Example 1: sinusoidal disturbance rejection; 1.4.2. Example 2: reference tracking and friction rejection 2.2.1. Taking account of modeling uncertainties2.2.2. Stability robustness for a coprime factor plant description; 2.2.3. Property of the equivalent "weighted mixed sensitivity" form; 2.2.4. Expression of the synthesis criterion in "4-blocks" equivalent form; 2.3. Explicit solution of the problem of robust stabilization of coprime factor plant descriptions; 2.3.1. Expression of the prob; 2.3.2. Explicit resolution of the robust stabilization problem; 2.4. Robustness and u-gap; 2.4.1. u-gap and ball of plants; 2.4.2. Robustness results associated with the u-gap 3.2. Two-step approach3.2.1. General formulation; 3.2.2. Simplification of the problem by the Youla parameterization; 3.2.3. Extension; 3.2.4. Setting of the weighting functions; 3.2.5. Associated performance robustness result; 3.3. One-step approach; 3.3.1. General formulation; 3.3.2. Expression of the problem by Youla parameterization; 3.3.3.

	Associated performance robustness result; 3.3.4. Connection between the approach and loop-shaping synthesis; 3.4. Comparison of the two approaches; 3.5. Example; 3.5.1. Optimization of an existing controller (continued) - scanning 3.6. Compensation for a measurable disturbance at the model's output
Sommario/riassunto	The loop-shaping approach consists of obtaining a specification in relation to the open loop of the control from specifications regarding various closed loop transfers, because it is easier to work on a single transfer (in addition to the open loop) than on a multitude of transfers (various loopings such as set point/error, disturbance/error, disturbance/control, etc.). The simplicity and flexibility of the approach make it very well adapted to the industrial context.This book presents the loop-shaping approach in its entirety, starting with the declension of high-level specifications