1. Record Nr. UNINA990002021660403321

Autore	Metcalf, Zeno P.
Titolo	Fulgoroidea / Z. P. Metcalf
Pubbl/distr/stampa	Raleigh : North Carolina State College, 1956
Descrizione fisica	80 p. ; 23 cm
Disciplina	595.752
Locazione	DAGEN
Collocazione	61 IV F.7/06.4.18
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	18.: Eurybrachidae and Gengidae

2. Record Nr. UNINA9911006571803321

Autore	¿strm_ Karl J
Titolo	Advanced PID Control
Pubbl/distr/stampa	[Place of publication not identified], : ISA, 2005
ISBN	1-64331-191-3 1-61583-539-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xii, 460 pages) : illustrations
Collana	International Society of Automation Series
Disciplina	629.8/3
Soggetti	PID controllers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book builds on the basics learned in PID Controllers, but augments it through the use of advanced control techniques. Design of PID controllers are brought into the mainstream of control system design

by focusing on requirements that capture effects of load disturbances, measurement noise, robustness to process variations and maintaining set points. In this way, it is possible to make a smooth transition from PID control to more advanced model based controllers. It is also possible to get insight into fundamental limitations and to determine the information needed to design good controllers. This book provides a solid foundation for understanding, operating and implementing the more advanced features of PID controllers, including auto-tuning, gain scheduling and adaptation. Particular attention is given to specific challenges such as reset windup, long process dead times, and oscillatory systems. Modeling methods, implementation details, and problem-solving techniques are also presented.