

1. Record Nr.	UNISALENTO991003233549707536
Autore	Austerlitz, Howard
Titolo	Data acquisition techniques using PCs [e-book] / Howard Austerlitz
Pubbl/distr/stampa	San Diego, Calif. : Academic Press, c2003
ISBN	9780120683772 0120683776
Edizione	[2nd ed.]
Descrizione fisica	xii, 416 p. : ill. ; 24 cm
Altri autori (Persone)	Austerlitz, Howard.author
Disciplina	004.616
Soggetti	Microcomputers Automatic data collection systems Computer interfaces Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Note generali	Rev. ed. of: Data acquisition techniques using personal computers. 1991
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Introduction to Data Acquisition; Analog Signal Transducers; Analog Signal Conditioning; Analog/Digital Conversions; The PC; Interfacing Hardware to a PC Bus; Interfacing Software to the PC; Standard Hardware Interfaces; Data Storage and Compression Techniques; Data Processing and Analysis; Commercial Data Acquisition Products; Other PC Configurations and Hardware for Data Acquisition; Computer Programming Languages; PC-Based Data Acquisition Applications; Data Acquisition and Related PC Product Manufacturers; Bibliography; Index
Sommario/riassunto	The second edition of this highly successful text focuses on the major changes that have taken place in this field in recent times. Data Acquisition Techniques Using PCs, Second Edition, recognises that data acquisition is the core of most engineering and many life science systems in measurement and instrumentation. It will prove invaluable to scientists, engineers, students and technicians wishing to keep up with the latest technological developments. * Teaches the reader how to set up a PC-based system that measures, analyzes, and controls experiments and processes through detailed design examples * Geared for beginning and advanced users, with many tutorials for less experienced readers, and detailed standards references for more

experienced readers * Fully revised new edition discusses latest programming languages and includes a list of over 80 product manufacturers to save valuable time
