

1. Record Nr.	UNINA9910820196003321
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Titolo	Analog electronics for measuring systems / / Davide Bucci
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley : , : ISTE, , 2017 ©2017
ISBN	1-119-40517-3 1-119-40516-5 1-119-40515-7
Edizione	[1st edition]
Descrizione fisica	1 online resource (185 pages) : illustrations
Collana	Focus Series
Disciplina	621.3815
Soggetti	Analog electronic systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Many instrumentation engineers and scientists often deal with analog electronic issues when approaching delicate measurements. Even if off-the-shelf measuring solutions exist, comprehension of the analog behavior of the measuring system is often a necessity. This book provides a concise introduction to the main elements of a low frequency analog acquisition chain. It aims to be sufficiently general to provide an introduction, yet specific enough to guide the reader through some classical problems that may be encountered in the subject. Topics include sensors, conditioning circuits, differential and instrumentation amplifiers, active filters (mainly for anti-aliasing purposes) and analog to digital converters. A chapter is devoted to an introduction to noise and electronic compatibility. This work is intended for people with a general background in electronics and signal processing, who are looking for an introduction to classical electronic solutions employed in measuring instruments involving low frequency analog signal processing.