

1. Record Nr.	UNINA990009324890403321
Autore	Vaccari, Cristian
Titolo	La comunicazione politica negli USA / Cristian Vaccari
Pubbl/distr/stampa	Roma : Carocci, 2007
ISBN	978-88-430-4155-8
Descrizione fisica	187 p. ; 22 cm
Collana	Università ; 760
Disciplina	324.730973
Locazione	FSPBC
Collocazione	Collez. 1575 (760)
Lingua di pubblicazione	Italiano
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2. Record Nr.	UNISA990001697550203316
Autore	HÖFFE, Otfried
Titolo	Immanuel Kant / Otfried Höffe ; [traduzione di Sonia Carboncini e Paolo Rubini]
Pubbl/distr/stampa	Bologna : Il Mulino, 2002
ISBN	88-15-08863-6
Descrizione fisica	IX, 329 p. ; 21 cm
Collana	Universale Paperbacks Il Mulino ; 430
Disciplina	193
Soggetti	Kant, Immanuel
Collocazione	II.1.C. 1259(IV C 3488)
Lingua di pubblicazione	Italiano
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3. Record Nr.	UNINA9910346853503321
Autore	Elfadel Ibrahim (Abe) M
Titolo	MEMS Accelerometers / Ibrahim (Abe) M. Elfadel, Ha Duong Ngo, Mahmoud Rasras
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783038974154 3038974153
Descrizione fisica	1 electronic resource (252 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
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Sommario/riassunto	Micro-electro-mechanical system (MEMS) devices are widely used for inertia, pressure, and ultrasound sensing applications. Research on integrated MEMS technology has undergone extensive development driven by the requirements of a compact footprint, low cost, and increased functionality. Accelerometers are among the most widely used sensors implemented in MEMS technology. MEMS accelerometers are showing a growing presence in almost all industries ranging from automotive to medical. A traditional MEMS accelerometer employs a proof mass suspended to springs, which displaces in response to an external acceleration. A single proof mass can be used for one- or multi-axis sensing. A variety of transduction mechanisms have been used to detect the displacement. They include capacitive, piezoelectric, thermal, tunneling, and optical mechanisms. Capacitive accelerometers are widely used due to their DC measurement interface, thermal stability, reliability, and low cost. However, they are sensitive to electromagnetic field interferences and have poor performance for high-end applications (e.g., precise attitude control for the satellite). Over the past three decades, steady progress has been made in the area of optical accelerometers for high-performance and high-sensitivity applications but several challenges are still to be tackled by

researchers and engineers to fully realize opto-mechanical accelerometers, such as chip-scale integration, scaling, low bandwidth, etc. This Special Issue on "MEMS Accelerometers" seeks to highlight research papers, short communications, and review articles that focus on: Novel designs, fabrication platforms, characterization, optimization, and modeling of MEMS accelerometers. Alternative transduction techniques with special emphasis on opto-mechanical sensing. Novel applications employing MEMS accelerometers for consumer electronics, industries, medicine, entertainment, navigation, etc. Multi-physics design tools and methodologies, including MEMS-electronics co-design. Novel accelerometer technologies and 9DoF IMU integration. Multi-accelerometer platforms and their data fusion.

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