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Titolo	American journal of lifestyle medicine
Pubbl/distr/stampa	Thousand Oaks, Calif. : , : SAGE Publications, , 2007-
ISSN	1559-8284
Disciplina	615.5
Soggetti	Medicine, Preventive Health behavior Medicine and psychology Style de vie - Aspect sanitaire Santé publique Health Behavior Life Style Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from journal information screen (viewed June 5, 2007).

2. Record Nr.	UNINA9910299716303321
Autore	Kang Yong Hoon
Titolo	Semiconductor Technologies in the Era of Electronics // by Yong Hoon Kang
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2014
ISBN	9789401787680 9401787689
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (156 p.)
Collana	Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 300
Disciplina	338.4762138152
Soggetti	Semiconductors Electronic circuits Circuits and Systems Electronic Circuits and Devices
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 at the end of each chapter and index.
Nota di contenuto	Contents -- Abstract -- 1. Law of Nature for Electronics -- 1.1.Rules of Nature for Human's Technology -- 1.2 Something Allowed by Nature -- 1.3 Rules of Nature not Found -- References -- 2 How Electronic Devices are Made? -- 2.1Use of Electronic Devices -- 2.2 Inside of Electronic Devices -- 3 Evolution of Semiconductor Technologies -- 3.1 The Internals of Electronic Components -- 3.2 Semiconductor Chips -- 3.3 The Operations of Semiconductor Chips -- 3.3.1 Logic Circuits -- 3.3.2 Analog Circuits -- 3.3.3 Devices -- References -- 4 Foundation of Information Technologies -- 4.1 System Perspectives -- 4.2 CPU (Central Processing Unit) -- 4.3 Memories and Storages -- 4.4 OS (Operating Systems) -- 4.5 Summary -- References -- Index.
Sommario/riassunto	Technological advances in the field of materials, devices, circuits, and systems began by the discovery of new properties of objects, or the entrepreneurship with the applications of unique or practical concepts for commercial goods. To implement products using these findings and challenges textbook knowledge is usually sufficient. Semiconductor Technologies in the Era of Electronics therefore does not aim to look deeper in certain areas but it offers a broad and comprehensive

overview of the field to: - Experts of specific knowledge who want to expand the overall understanding to different areas - Persons who wish to understand the principle of electronic devices often seen in everyday life - Entrepreneurs interested in the innovations and changes of semiconductor technologies and overall electronics industry. A profound and theoretical approach is therefore used and special cases essential to understanding these important concept are presented.

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