

1. Record Nr.	UNISA996216841703316
Titolo	10th IEEE International Conference on Advanced Thermal Processing of Semiconductors--RTP 2002 : September 25-27, 2002, the Coast Plaza Hotel, Vancouver, Canada
Pubbl/distr/stampa	[Place of publication not identified], : IEEE, 2002
Soggetti	Semiconductors - Heat treatment Rapid thermal processing - Defects Semiconductor doping Semiconductors Electrical Engineering Electrical & Computer Engineering Engineering & Applied Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr.	UNINA9910778313703321
Autore	Russell Michael S
Titolo	The chemistry of fireworks [[electronic resource] /] / Michael S. Russell
Pubbl/distr/stampa	Cambridge, UK, : RSC Pub., c2009
ISBN	1-84755-891-7
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (192 p.)
Disciplina	662.1 662/.1
Soggetti	Fireworks Chemistry, Technical
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 (p. 161-163) and index.
Nota di contenuto	9780854041275; i_iv; v_vi; vii_viii; ix_xii; xiii_xxii; 001_017; 018_043; 044_060; 061_078; 079_093; 094_097; 098_103; 104_117; 118_124; 125_144; 145_151; 152_160; 161_163; 164_169
Sommario/riassunto	For centuries fireworks have been a source of delight and amazement in cultures around the world. But what produces their dazzling array of effects? This book, a fully revised, extended and updated second edition explores the chemistry and physics behind the art of pyrotechnics. Its scope ranges from the history of gunpowder and fireworks in the UK, to the chemical characteristics of gunpowder, the form and functioning of all the main types of fireworks, special effects, fireworks safety and current fireworks legislation. This second edition is aimed at students with A level qualifications or

3. Record Nr.	UNINA9910557693303321
Autore	Woo Wai Lok
Titolo	Sensor Signal and Information Processing III
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (394 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In the current age of information explosion, newly invented technological sensors and software are now tightly integrated with our everyday lives. Many sensor processing algorithms have incorporated some forms of computational intelligence as part of their core framework in problem-solving. These algorithms have the capacity to generalize and discover knowledge for themselves and to learn new information whenever unseen data are captured. The primary aim of sensor processing is to develop techniques to interpret, understand, and act on information contained in the data. The interest of this book is in developing intelligent signal processing in order to pave the way for smart sensors. This involves the mathematical advancement of nonlinear signal processing theory and its applications that extend far beyond traditional techniques. It bridges the boundary between theory and application, developing novel theoretically inspired methodologies targeting both longstanding and emergent signal processing applications. The topics range from phishing detection to integration of terrestrial laser scanning, and from fault diagnosis to bio-inspired filtering. The book will appeal to established practitioners, along with researchers and students in the emerging field of smart sensor signal processing.