1. Record Nr. UNINA9910691630803321

Autore	Wepman J. A (Jeffrey A.)
Titolo	Implementation and testing of a software defined radio cellular base station receiver / / Jeffrey A. Wepman, J. Randy Hoffman
Pubbl/distr/stampa	[Boulder, Colorado] : , : U.S. Department of Commerce, National Telecommunications and Information Administration, , 2001
Descrizione fisica	1 online resource (vi, 41 pages) : illustrations
Collana	NTIA report ; ; 01-388
Soggetti	Radio - Receivers and reception
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 2001."
Nota di bibliografia	Includes bibliographical references (page 22).

2. Record Nr. UNINA9910251399403321

Autore	Subbarayan Sivasankaran
Titolo	Aluminium Alloys : Recent Trends in Processing, Characterization, Mechanical behavior and Applications / / edited by Subbarayan Sivasankaran
Pubbl/distr/stampa	IntechOpen, 2017 Rijeka, Croatia : , : IntechOpen, , 2017
ISBN	953-51-4028-0 953-51-3698-4
Descrizione fisica	1 online resource (324 pages) : illustrations and some color
Disciplina	620.186
Soggetti	Aluminum alloys
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	The major issue of energy saving and conservation of the environment in the world is being emphasized to us to concentrate on lightweight materials in which aluminium alloys are contributing more in applications in the twenty-first century. Aluminium and its related materials possess lighter weight, considerable strength, more corrosion resistance and ductility. Especially from the past one decade, the use of aluminium alloys is increasing in construction field, transportation industries, packaging purposes, automotive, defence, aircraft and electrical sectors. Around 85% is being used in the form of wrought products, which replace the use of cast iron. Further, the major features of aluminium alloy are recyclability and its abundant availability in the world. In general, aluminium and its related materials are being processed via casting, drawing, forging, rolling, extrusion, welding, powder metallurgy process, etc. To improve the physical and mechanical properties, scientists are doing more research and adding some second-phase particles in to it called composites in addition to heat treatment. Therefore, to explore more in this field, the present book has been aimed and focused to bridge all scientists who are working in this field. The main objective of the present book is to focus

on aluminium, its alloys and its composites, which include, but are not limited to, the various processing routes and characterization techniques in both macro- and nano-levels.