1. Record Nr. UNICASCUB0300656

Autore	Gatti, Angelo <1875-1948>
Titolo	Un italiano a Versailles : dicembre 1917-febbraio 1918 / Angelo Gatti ; con una premessa di Raffaele Cadorna
Pubbl/distr/stampa	Milano, : Ceschina, ©1958
Descrizione fisica	461 p., 32 p. di tav. : ill. ; 24 cm
Disciplina	940.3141
Soggetti	Guerra mondiale 1914-1918 - Diari e memorie
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	In testa al front.: Pubblicazioni realizzate sotto gli auspici dell'Istituto di studi di politica internazionale di Milano.

2. Record Nr. UNINA9910346880303321

Autore	Al-Samman Talal
Titolo	Material and Process Design for Lightweight Structures / Talal Al-Samman
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783038979593 3038979597
Descrizione fisica	1 electronic resource (162 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Sommario/riassunto

The use of lightweight structures across several industries has become inevitable in today's world given the ever-rising demand for improved fuel economy and resource efficiency. In the automotive industry, composites, reinforced plastics, and lightweight materials, such as aluminum and magnesium are being adopted by many OEMs at increasing rates to reduce vehicle mass and develop efficient new lightweight designs. Automotive weight reduction with high-strength steel is also witnessing major ongoing efforts to design novel damage-controlled forming processes for a new generation of efficient, lightweight steel components. Although great progress has been made over the past decades in understanding the thermomechanical behavior of these materials, their extensive use as lightweight solutions is still limited due to numerous challenges that play a key role in cost competitiveness. Hence, significant research efforts are still required to fully understand the anisotropic material behavior, failure mechanisms, and, most importantly, the interplay between industrial processing, microstructure development, and the resulting properties. This Special Issue reprint book features concise reports on the current status in the field. The topics discussed herein include areas of manufacturing and processing technologies of materials for lightweight applications, innovative microstructure and process design concepts, and advanced characterization techniques combined with modeling of material's behavior.