1. Record Nr. UNINA9910496019103321

Autore	Fayet-Scribe Sylvie
Titolo	Histoire de la documentation en France : Culture, science et technologie de l’information, 1895-1937 / / Sylvie Fayet-Scribe
Pubbl/distr/stampa	Paris, : CNRS Éditions, 2016
ISBN	2-271-09084-9
Descrizione fisica	1 online resource (313 p.)
Collana	CNRS Histoire
Disciplina	020/.944
Soggetti	Information science - France - History - 20th century Information science - France - History - 19th century Documentation - France - History - 20th century Documentation - France - History - 19th century Documentation - France - Histoire Documentation, Services de - France - Histoire Sciences de l'information - France - Histoire
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	À la fin du XIXe siècle, l’information devenant pléthorique, les méthodes et les outils permettant de repérer et de retrouver l’ information deviennent incontournables pour maîtriser l’accès au savoir. Pour répondre à la nécessité d’organiser, au niveau collectif, l’ ensemble des outils d’accès à l’information, un domaine d’activité nouveau se développe : la documentation. Dès 1935, les documentalistes, regroupés au sein d’associations nationales ou internationales, identifient les techniques, mettent en place une terminologie, donnant naissance à la science de l’information. L’auteur s’attache à montrer comment durant la période 1895-1937, la documentation a été explorée, normalisée, organisée.

2. Record Nr. UNINA9910557285703321

Autore	Ferro Paolo
Titolo	Cast Irons : Properties and Applications
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2020
Descrizione fisica	1 online resource (150 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The demand for cast iron components, with weights ranging from a few kilograms to several tons, has increased significantly in recent years, both for technical and economic reasons. In fact, the lower cost compared to other alloys, and the good castability, which allow one to obtain near-net shape components in as-cast conditions, and the mechanical properties that can be obtained, are just some of the motivations that attract mechanical designers. However, correct design requires a good knowledge of the intrinsic correlation among alloy chemical composition, process parameters, microstructure (with casting defects) and mechanical properties. This book is aimed at collecting excellent and recent research experimental and theoretical works in this filed. Technological (say, wear resistance and weldability) and mechanical properties (say, Young modulus, static and fatigue strength) of different grades of cast irons, ranging from solution strengthened ferritic ductile iron to compacted graphite iron as well as white and nodular cast irons, are correlated with the alloy chemical composition, process parameters and casting dimension.