

1. Record Nr.	UNISALENT0991001249679707536
Autore	De Francovich, Geza
Titolo	Scultura medioevale in legno / Géza De Francovich
Pubbl/distr/stampa	Roma : Tumminelli, 1943
Descrizione fisica	24 p. : ill. ; 24 cm
Disciplina	731.4620
Soggetti	Sculpture in wood - Italy - Medieval
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910818653003321
Autore	Lambert Joan
Titolo	Microsoft Powerpoint 2016 / / author, Joan Lambert
Pubbl/distr/stampa	[Place of publication not identified] : , : BarCharts, Inc., , [2016] 2016
ISBN	1-4232-2610-0
Descrizione fisica	1 online resource (6 pages)
Disciplina	005.58
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNINA9910156310503321
Autore	Mangin Philippe
Titolo	Superconductivity : An introduction / / by Philippe Mangin, Rémi Kahn
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 379 p. 241 illus.)
Collana	Grenoble Sciences
Disciplina	530.41
Soggetti	Superconductivity Superconductors Optical materials Microtechnology Microelectromechanical systems Optical Materials Microsystems and MEMS
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- 2. LONDON theory -- 3. The non-local PIPPARD equations -- 4. Thermodynamics of type I superconductors -- 5. The intermediate state of type I superconductors -- 6. Type II superconductors -- 7. Fields and currents in type II superconductors - Models of the critical state -- 8. COOPER pairs -Principal results of BCS theory -- 9. Coherence and the flux quantum -- 10. The JOSEPHSON effect -- 11. Superconducting Quantum Interference Device "SQUID" -- 12. JOSEPHSON junctions in a magnetic field.
Sommario/riassunto	This book proposes a thorough introduction for a varied audience. The reader will master London theory and the Pippard equations, and go on to understand type I and type II superconductors (their thermodynamics, magnetic properties, vortex dynamics, current transport...), Cooper pairs and the results of BCS theory. By studying coherence and flux quantization he or she will be lead to the Josephson effect which, with the SQUID, is a good example of the applications. The reader can make up for any gaps in his knowledge with the use of the appendices, follow the logic behind each model, and assimilate

completely the underlying concepts. Approximately 250 illustrations help in developing a thorough understanding. This volume is aimed towards masters and doctoral students, as well as advanced undergraduates, teachers and researchers at all levels coming from a broad range of subjects (chemistry, physics, mechanical and electrical engineering, materials science...). Engineers working in industry will have a useful introduction to other more applied or specialized material. Philippe Mangin is emeritus professor of physics at Mines Nancy Graduate School of Science, Engineering and Management of the University of Lorraine, and researcher at the Jean Lamour Institute in France. He is the former director of both the French neutron scattering facility, Léon Brillouin Laboratory in Orsay, and the Material Physics Laboratory in Nancy, and has taught superconductivity to a broad audience, in particular to engineering students. Rémi Kahn is a retired senior research scientist of the French Alternative Energies and Atomic Energy Commission (CEA-Saclay). He worked at the Léon Brillouin Laboratory and was in charge of the experimental areas of INB 101 (the Orphée research reactor). This work responded to the need to bring an accessible account suitable for a wide spectrum of scientists and engineers.
