

1. Record Nr.	UNINA9910780885503321
Autore	Fermi Enrico <1901-1954.>
Titolo	Neutron physics for nuclear reactors [[electronic resource]] : unpublished writings // by Enrico Fermi ; editors, S. Esposito, O. Pisanti
Pubbl/distr/stampa	Singapore ; ; London, : World Scientific, 2010
ISBN	1-283-14404-2 9786613144041 981-4291-23-4
Descrizione fisica	1 online resource (704 p.)
Altri autori (Persone)	EspositoSalvatore PisantiO (Ofelia)
Disciplina	539.7213
Soggetti	Neutrons Nuclear reactors
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 and index.
Nota di contenuto	Contents; Introduction; Some Background to my Notes on Fermi's Neutron Physics Lectures (Los Alamos, 1945), by Anthony P. French; Neutron Physics; Nuclear Reactors; Appendix A: Other Documents not Reported in this Volume; Appendix B: The Complete List of Fermi's Papers; Bibliography; Index
Sommario/riassunto	This unique volume gives an accurate and very detailed description of the functioning and operation of basic nuclear reactors, as emerging from yet unpublished papers by Nobel Laureate Enrico Fermi. In the first part, the entire course of lectures on Neutron Physics delivered by Fermi at Los Alamos is reported, according to the version made by Anthony P French. Here, the fundamental physical phenomena are described very clearly and comprehensively, giving the appropriate physics grounds for the functioning of nuclear piles. In the second part, all the patents issued by Fermi (and coworkers) on