

1. Record Nr.	UNINA9910455817103321
Titolo	Current status of neutron-scattering research and facilities in the United States [[electronic resource] /] / Panel on Neutron Scattering, Solid State Sciences Committee, Board on Physics and Astronomy, Commission on Physical Sciences, Mathematics, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1984
ISBN	1-280-18634-8 9786610186341 0-309-56446-8
Descrizione fisica	1 online resource (115 p.)
Disciplina	539.7213
Soggetti	Neutrons - Scattering Nuclear facilities Nuclear physics - Research Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Work supported by the U.S. Dept. of Energy, Division of Materials Sciences, under grant No. DE-FG01-81ER10844, and by the National Science Foundation under grant No. DMR-8119500.
Nota di contenuto	""Current Status of Neutron-Scattering Research and Facilities in the United States""; ""Copyright""; ""PREFACE""; ""Contents""; ""1. CONCLUSIONS AND RECOMMENDATIONS""; ""CONCLUSIONS""; ""RECOMMENDATIONS""; ""2. INTRODUCTION""; ""3. CURRENT STATUS OF NEUTRON-SCATTERING FACILITIES IN THE UNITED STATES""; ""FACILITY DESCRIPTIONS""; ""High Flux Beam Reactor (HFBR)--Brookhaven National Laboratory""; ""Intense Pulsed Neutron Source (IPNS)--Argonne National Laboratory""; ""Massachusetts Institute of Technology Reactor (MITR)""; ""National Bureau of Standards Reactor (NBSR)"" ""Oak Ridge National Laboratory Reactors (ORNL)""""University of Missouri Research Reactor (MURR)""; ""Weapons Neutron Research/Proton Storage Ring Facility (WNR/PSR) Los Alamos National

Laboratory"; ""Summary of Facilities"; ""THE USER COMMUNITY"";
""COMPARISON WITH THE EUROPEAN COMMUNITY""; ""4. OVERSEAS
NEUTRON-SCATTERING FACILITIES""; ""RESEARCH REACTORS"";
""PULSED NEUTRON SOURCES""; ""5. RECENT NEUTRON-SCATTERING
RESEARCH IN THE UNITED STATES; COMPARISONS WITH EUROPE"";
""CONDENSED-MATTER PHYSICS""; ""Magnetic Systems""; ""Phase
Transition""; ""New Materials and Phenomena""
""Crystal Dynamics""""Defect Systems""; ""Surfaces and Overlayers"";
""Liquids and Glasses""; ""Quantum Fluids""; ""Classical Liquids"";
""Glasses and Amorphous Solids""; ""NEUTRON OPTICS"";
""CHEMISTRY""; ""Crystallographic Research""; ""Hydrides,
Organometallic Compounds, and Heteropoly Complexes""; ""Ionic
Conductors and Ceramics""; ""Superconductors""; ""Framework
Structures""; ""Charge-Density Studies""; ""Hydrogen-Bonded
Compounds""; ""High-Precision Structure Studies""; ""Molecular Fluids
and Molten Salts""; ""Chemical Spectroscopy""; ""Vibrational
Spectroscopy""
""Low-Energy Spectroscopy""""BIOLOGY""; ""Protein Crystallography"";
""Solution Scattering""; ""The Ribosome""; ""Partially Ordered Systems"";
""Inelastic Scattering""; ""Conclusion""; ""POLYMER AND COLLOID
SCIENCE""; ""Areas of Special Interest""; ""Some Results from Neutron
Scattering""; ""Instrumentation Needs""; ""MATERIALS SCIENCE AND
ENGINEERING""; ""Studies of Microstructural Changes Produced by
Temperature and Deformation""; ""Use of SANS in the Detection and
Analysis of Damage""; ""Measurement of Texture and Residual Stresses
by Neutron Diffraction""
""Investigations of Phase Decomposition""""6. FUTURE OPPORTUNITIES:
FACILITIES AND RESEARCH""; ""CONDENSED-MATTER PHYSICS"";
""CHEMISTRY""; ""BIOLOGY""; ""POLYMERS""; ""MATERIALS SCIENCE"";
""NEUTRON OPTICS""; ""Role of Pulsed Sources""; ""Concluding
Remarks""; ""APPENDIX A INSTITUTIONAL SPONSORS OF USERS OF
MAJOR NEUTRON-SCATTERING FACILITIES IN THE UNITED STATES (JULY
1982-JUNE 1983)""; ""UNIVERSITIES""; ""INDUSTRIES""

2. Record Nr.	UNIORUON00079311
Autore	MUNIF, Abd al-Rahman
Titolo	Hina tarakna 'l-gisr / Abd al-Rahman Munif
Pubbl/distr/stampa	Bayrut, : al-Mu'assasa 'l- arabiyya li 'l-dirasat wa 'l-nasr, 1987
Edizione	[4 tab a]
Descrizione fisica	215 p. ; 22 cm
Disciplina	892.736
Soggetti	ROMANZI IRACHENI
Lingua di pubblicazione	Arabo
Formato	Materiale a stampa
Livello bibliografico	Monografia