1. Record Nr. UNINA9910155544803321 **Titolo** Fission and properties of neutron-rich nuclei: proceedings of the second international conference: St. Andrews, Scotland, June 28-July 3 1999 / / editors, J. H. Hamilton, W. R. Phillips, H. K. Carter Singapore:,: World Scientific,, 2000 Pubbl/distr/stampa ©2000 Descrizione fisica 1 online resource (522 pages): illustrations Disciplina 539.762 Soggetti Nuclear fission Fission products Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from PDF file title page (viewed December 2, 2016). Note generali Includes bibliographical references. Nota di bibliografia Sommario/riassunto "The Second International Conference on Fission and Properties of Neutron-Rich Nuclei continued the emphasis on fission models, fission processes, properties of neutron-rich nuclei and new directions. The responses to the conference were so extensive that 44 talks were presented in individual sessions and 35 more in two afternoons of parallel sessions. New insights and developments were discussed, including experimental and theoretical studies of ternary fission with correlated pairs with emission of a third nucleus such as helium-3. alpha particle, and beryllium-10; the structure of neutron-rich nuclei from spontaneous fission, heavy-ion-induced fission and knock-out reactions; comparisons of deep inelastic reactions and fission for production of neutron-rich nuclei; production of superheavy elements, including the discovery of element 114; experiments with radioactive

beams: and proposals for new radioactive ion beam facilities."--

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