

1. Record Nr.	UNINA9910504298803321
Autore	Valentin Brabänder Alexander
Titolo	Registrierende Hartemessung an neutronenbestrahlten Materialien bei hohen Temperaturen
Pubbl/distr/stampa	Karlsruhe, : KIT Scientific Publishing, 2021
ISBN	1000131631
Descrizione fisica	1 online resource (240 p.)
Collana	Schriftenreihe des Instituts für Angewandte Materialien, Karlsruher Institut für Technologie
Soggetti	Mechanical engineering and materials
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The present work investigates neutron-irradiated EUROFER97 by high-temperature indentation. Before, a test procedure is defined for the prototype device Karlsruhe high-temperature indenter. The procedure leads to a quality of the test results at high temperatures comparable to commercial devices at room temperature. The results contribute to a better understanding of structural materials of future fusion reactors.