

1. Record Nr.	UNINA9910714218503321
Autore	Anderson Ernest C. <1920-2013, >
Titolo	Preliminary report on human excretion of tritium / / written by: Ernest C. Anderson ; work done by: Ernest C. Anderson, Ernest Pinson
Pubbl/distr/stampa	[Los Alamos, New Mexico] : , : Los Alamos Scientific Laboratory of the University of California, , April 6, 1950
Descrizione fisica	1 online resource (10 unnumbered pages) : illustrations
Soggetti	Tritium Excretion Online resources.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"LAMS-1099." "Series A." "Health and biology."

2. Record Nr.	UNINA9910557535403321
Autore	Morozov Oleg G
Titolo	Fiber Bragg Grating Based Sensors and Systems
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (228 p.)
Soggetti	Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This book is a collection of papers that originated as a Special Issue, focused on some recent advances related to fiber Bragg grating-based sensors and systems. Conventionally, this book can be divided into three parts: intelligent systems, new types of sensors, and original interrogators. The intelligent systems presented include evaluation of strain transition properties between cast-in FBGs and cast aluminum during uniaxial straining, multi-point strain measurements on a containment vessel, damage detection methods based on long-gauge FBG for highway bridges, evaluation of a coupled sequential approach for rotorcraft landing simulation, wearable hand modules and real-time tracking algorithms for measuring finger joint angles of different hand sizes, and glaze icing detection of 110 kV composite insulators. New types of sensors are reflected in multi-addressed fiber Bragg structures for microwave-photonic sensor systems, its applications in load-sensing wheel hub bearings, and more complex influence in problems of generation of vortex optical beams based on chiral fiber-optic periodic structures. Original interrogators include research in optical designs with curved detectors for FBG interrogation monitors; demonstration of a filterless, multi-point, and temperature-independent FBG dynamical demodulator using pulse-width modulation; and dual wavelength differential detection of FBG sensors with a pulsed DFB laser.</p>

