

1. Record Nr.	UNINA9910703823303321
Autore	Pineda Evan J.
Titolo	The effect of stochastically varying creep parameters on residual stresses in ceramic matrix composites // Evan J. Pineda [and three others]
Pubbl/distr/stampa	Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , May 2015
Descrizione fisica	1 online resource (20 pages) : color illustrations
Collana	NASA/TM ; ; 2015-218759
Soggetti	Ceramic matrix composites Creep properties Stochastic processes Thermal expansion Monte Carlo method
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Aug. 18, 2015). "May 2015." "Prepared for the SciTech 2015 sponsored by the American Institute of Aeronautics and Astronautics, Kissimmee, Florida, January 5-9, 2015."
Nota di bibliografia	Includes bibliographical references (page 20).

2. Record Nr.	UNINA9910298613003321
Titolo	Advanced Time-Correlated Single Photon Counting Applications // edited by Wolfgang Becker
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-14929-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (639 p.)
Collana	Springer Series in Chemical Physics, , 0172-6218 ; ; 111
Disciplina	539.7217
Soggetti	Chemistry, Physical and theoretical Optics Electrodynamics Atomic structure Molecular structure Physical measurements Measurement Signal processing Image processing Speech processing systems Physical Chemistry Classical Electrodynamics Atomic/Molecular Structure and Spectra Measurement Science and Instrumentation Signal, Image and Speech Processing
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 at the end of each chapters and index.
Nota di contenuto	Introduction into TCSPC -- Clinical and Preclinical Application of TCSPC -- Protein Structure and Protein Interaction -- NADH Dynamics -- Measurement of Local Environment Parameters in Biological Systems -- Oxygen Concentration Measurement in Biological tissue by Phosphorescence Lifetime Measurement.
Sommario/riassunto	This book is an attempt to bridge the gap between the instrumental

principles of multi-dimensional time-correlated single photon counting (TCSPC) and typical applications of the technique. Written by an originator of the technique and by successful users, it covers the basic principles of the technique, its interaction with optical imaging methods and its application to a wide range of experimental tasks in life sciences and clinical research. The book is recommended for all users of time-resolved detection techniques in biology, bio-chemistry, spectroscopy of live systems, live cell microscopy, clinical imaging, spectroscopy of single molecules, and other applications that require the detection of low-level light signals at single-photon sensitivity and picosecond time resolution.
