

1. Record Nr.	UNINA9910704218303321
Autore	Pfouts W. R.
Titolo	NASA materials for advanced turbine engines : project completion report, project 1 / / by W.R. Pfouts [and six others] ; prepared for National Aeronautics and Space Administration, NASA-Lewis Research Center
Pubbl/distr/stampa	[Washington, D.C.] : , : National Aeronautics and Space Administration, Lewis Research Center, , 1979
Descrizione fisica	1 online resource (4 volumes) : illustrations
Collana	NASA CR ; ; 159802, 159562, 165142, 159464
Soggetti	Powder metallurgy Forging
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"June 1979"--159802. "January 1981"--165142. "April 1979"--159562. "January 1979"--159464.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	vols. 1 & 2. Powder metallurgy Rene 95 rotating turbine engine parts -- vols. 1 & 2. Low-cost directionally-solidified turbine blades.

2. Record Nr.	UNINA9910300111403321
Autore	Rozovsky Boris L
Titolo	Stochastic Evolution Systems : Linear Theory and Applications to Non-Linear Filtering / / by Boris L. Rozovsky, Sergey V. Lototsky
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-94893-8
Edizione	[2nd ed. 2018.]
Descrizione fisica	1 online resource (340 pages)
Collana	Probability Theory and Stochastic Modelling, , 2199-3130 ; ; 89
Disciplina	519.22
Soggetti	Probabilities Differential equations, Partial Functional analysis Electrical engineering Mathematical physics Probability Theory and Stochastic Processes Partial Differential Equations Functional Analysis Electrical Engineering Theoretical, Mathematical and Computational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Examples and Auxiliary Results -- 2 Stochastic Integration in a Hilbert Space -- 3 Linear Stochastic Evolution Systems in Hilbert Spaces -- 4 Ito's Second Order Parabolic Equations -- 5 Ito's Partial Differential Equations and Diffusion Processes -- 6 Filtering, Interpolation and Extrapolation of Diffusion Processes -- 7 Hypoellipticity of Ito's Second Order Parabolic Equations -- 8 Chaos Expansion for Linear Stochastic Evolution Systems -- Notes -- References -- Index.
Sommario/riassunto	This monograph, now in a thoroughly revised second edition, develops the theory of stochastic calculus in Hilbert spaces and applies the results to the study of generalized solutions of stochastic parabolic equations. The emphasis lies on second-order stochastic parabolic equations and their connection to random dynamical systems. The authors further explore applications to the theory of optimal non-linear

filtering, prediction, and smoothing of partially observed diffusion processes. The new edition now also includes a chapter on chaos expansion for linear stochastic evolution systems. This book will appeal to anyone working in disciplines that require tools from stochastic analysis and PDEs, including pure mathematics, financial mathematics, engineering and physics.
