1. Record Nr. UNISA996466477903316

Autore	Barbu Viorel
Titolo	Stochastic Porous Media Equations [[electronic resource] /] / by Viorel Barbu, Giuseppe Da Prato, Michael Röckner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-41069-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (IX, 202 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2163
Disciplina	519.2
Soggetti	Probabilities Partial differential equations Fluids Probability Theory and Stochastic Processes Partial Differential Equations Fluid- and Aerodynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword -- Preface -- Introduction -- Equations with Lipschitz nonlinearities -- Equations with maximal monotone nonlinearities -- Variational approach to stochastic porous media equations -- L1-based approach to existence theory for stochastic porous media equations -- The stochastic porous media equations in Rd -- Transition semigroups and ergodicity of invariant measures -- Kolmogorov equations -- A Two analytical inequalities -- Bibliography -- Glossary -- Translator’s note -- Index.
Sommario/riassunto	Focusing on stochastic porous media equations, this book places an emphasis on existence theorems, asymptotic behavior and ergodic properties of the associated transition semigroup. Stochastic perturbations of the porous media equation have reviously been considered by physicists, but rigorous mathematical existence results have only recently been found. The porous media equation models a number of different physical phenomena, including the flow of an ideal gas and the diffusion of a compressible fluid through porous media, and also thermal propagation in plasma and plasma radiation. Another

	important application is to a model of the standard self-organized criticality process, called the "sand-pile model" or the "Bak-Tang-Wiesenfeld model". The book will be of interest to PhD students and researchers in mathematics, physics and biology.

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Record Nr.	UNINA9910729789303321
Titolo	Catholic Education / / edited by Pawe Makosa
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2023
Descrizione fisica	1 online resource (262 pages)
Disciplina	268
Soggetti	Religious education - Teaching methods Christian education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Catholic education faces many challenges, mainly due to secularisation. This applies to both content and methods, as well as teacher training. In response to these challenges, the publication titled "Catholic Education" has been prepared. This topic is understood very broadly and includes all dimensions of education provided within the Catholic Church, in Catholic schools and Catholic communities around the world. The main aim of this reprint is to specify and answer new challenges for Catholic education and Catholic religious education that arise from secularisation and other reasons. This reprint contains 17 chapters authored by researchers from various countries and different traditions. Drawing from their diverse experiences, they not only address the issues within their own environments but also analyse global problems. Papers presenting Catholic education and Catholic religious education in historical, contemporary, and future perspectives are also present.