

1. Record Nr.	UNINA9910463632103321
Titolo	Driving quality in informatics : fulfilling the promise / / edited by Karen Courtney, Alex Kuo and Omid Shabestari
Pubbl/distr/stampa	Washington, District of Columbia : , : IOS Press, , [2015] ©2015
Descrizione fisica	1 online resource (392 p.)
Collana	Studies in health technology and informatics ; ; volume 208
Disciplina	362.1/068
Soggetti	Computer science Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	<p>""Title Page""; ""Preface""; ""ITCH 2015 Steering Committee""; ""ITCH 2015 Scientific Review Committee""; ""Contents""; ""The Impact of University Provided Nurse Electronic Medical Record Training on Health Care Organizations: An Exploratory Simulation Approach""; ""The Importance of Telehealth for Directors and Other Decision Makers""; ""Using a Digital Marketing Platform for the Promotion of an Internet Based Health Encyclopedia in Saudi Arabia""; ""A Pharmacy Inventory Management System in Saudi Arabia: A Case Study""</p> <p>""The Implementation Experiences of a Pharmacy Automation Drug Dispensing System in Saudi Arabia""""Project ALIVE: An Action-Research Exploration of EMR Value in Primary Care""; ""Nurses: Extending Care Through Telehealth""; ""Using Community Based Participatory Research as a Method for Investigating Electronic Health Records""; ""Bridging a Divide: Architecture for a Joint Hospital-Primary Care Data Warehouse""; ""Supporting Dementia in the Community: A Human Factors Perspective""; ""Patient Narratives Representing Patient Voices to Inform Research: A Pilot Qualitative Study""</p> <p>""Awareness of Technology-Induced Errors and Processes for Identifying and Preventing Such Errors""""Designing Electronic Medication Reconciliation for Patients: The Lead User Method""; ""Patient Perspectives on Patient Participation - Results from a Workshop with a Patient Council in a General Practice""; ""Danish</p>

""Citizens' Expectations to the Use of eHealth""; ""Development of a Flexible and Extensible Computer-Based Simulation Platform for Healthcare Students""; ""Integration of Electronic Health Records into Nursing Education: Issues, Challenges and Limitations""
""Know Me - A Journey in Creating a Personal Electronic Health Record""""Integrating Clinical Decision Support into EMR and PHR: A Case Study Using Anticoagulation""; ""Patient Access to Their Health Record Using Open Source EHR""; ""Usability Testing of a Prototype Multi-User Telehealth Kiosk""; ""Trialling an Electronic Decision Aid for Policy Developers to Support Ageing Well""; ""Beyond Effectiveness: A Pragmatic Evaluation Framework for Learning and Continuous Quality Improvement of e-Learning Interventions in Healthcare""
""SmartMed: A Medication Management System to Improve Adherence""""Health Informatics-Enabled Workflow Redesign and Evaluation""; ""Using Heart Rate Variability for Automated Identification of Exercise Exertion Levels""; ""A Platform to Collect Structured Data from Multiple EMRs""; ""The Role of Technology in Reducing Unnecessary Duplicate Diagnostic Imaging Examinations""; ""Building an Electronic Handover Tool for Physicians Using a Collaborative Approach Between Clinicians and the Development Team""; ""Modelling Clinical Diagnostic Errors: A System Dynamics Approach""
""Valuing National Effects of Digital Health Investments: An Applied Method""

Sommario/riassunto

Although the data in healthcare comes from and relates to patients, it has generally been the clinician and not the patient who has been seen as the end-user of health information or health information technology. This seems set to change though, as the evolution of new online tools and mobile applications has led to the growth of a grass-roots effort from patients to change their role and involvement in their own health management. This book presents papers from the Information Technology and Communications in Health conference, ITCH 2015, held in Victoria, Canada, in February 2015. The theme

2. Record Nr.	UNISA996418186803316
Autore	Kulinich Grigorij
Titolo	Asymptotic Analysis of Unstable Solutions of Stochastic Differential Equations [[electronic resource] /] by Grigorij Kulinich, Svitlana Kushnirenko, Yuliya Mishura
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-41291-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 240 p. 4 illus., 2 illus. in color.)
Collana	Bocconi & Springer Series, Mathematics, Statistics, Finance and Economics, , 2039-1471 ; ; 9
Disciplina	519.2
Soggetti	Probabilities Dynamics Ergodic theory Differential equations Functional analysis Partial differential equations Probability Theory and Stochastic Processes Dynamical Systems and Ergodic Theory Ordinary Differential Equations Functional Analysis Partial Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Unstable Processes and Their Asymptotic Behavior -- Convergence of Unstable Solutions of SDEs to Homogeneous Markov Processes with Discontinuous Transition Density -- Asymptotic Analysis of Equations with Ergodic and Stochastically Unstable Solutions -- Asymptotic Behavior of Integral Functionals of Stochastically Unstable Solutions -- Asymptotic Behavior of Homogeneous Additive Functionals Defined on the Solutions of Itô SDEs with Non-regular Dependence on a Parameter -- Asymptotic Behavior of Homogeneous Additive Functionals of the Solutions to Inhomogeneous Itô SDEs with Non-regular Dependence on a Parameter -- A Selected Facts and

Auxiliary Results -- References.

Sommario/riassunto

This book is devoted to unstable solutions of stochastic differential equations (SDEs). Despite the huge interest in the theory of SDEs, this book is the first to present a systematic study of the instability and asymptotic behavior of the corresponding unstable stochastic systems. The limit theorems contained in the book are not merely of purely mathematical value; rather, they also have practical value. Instability or violations of stability are noted in many phenomena, and the authors attempt to apply mathematical and stochastic methods to deal with them. The main goals include exploration of Brownian motion in environments with anomalies and study of the motion of the Brownian particle in layered media. A fairly wide class of continuous Markov processes is obtained in the limit. It includes Markov processes with discontinuous transition densities, processes that are not solutions of any Itô's SDEs, and the Bessel diffusion process. The book is self-contained, with presentation of definitions and auxiliary results in an Appendix. It will be of value for specialists in stochastic analysis and SDEs, as well as for researchers in other fields who deal with unstable systems and practitioners who apply stochastic models to describe phenomena of instability. .