

1. Record Nr.	UNINA9910137088203321
Autore	Petranel Theresa Ferrao
Titolo	Cellular and phenotypic plasticity in cancer [[electronic resource] /] / edited by Petranel Theresa Ferrao, Andreas Behren, Robin Anderson and Erik Thompson
Pubbl/distr/stampa	Frontiers Media SA, 2015 France : , : Frontiers Media SA, , 2015
ISBN	9782889196623 (ebook)
Descrizione fisica	1 online resource (77 pages) : illustrations
Collana	Frontiers Research Topics
Soggetti	Cancer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	The process of Epithelial-Mesenchymal-Transition (EMT) is known to result in a phenotype change in cells from a proliferative state to a more invasive state. EMT has been reported to drive the metastatic spread of various cancers and has also been associated with drug resistance to cytotoxics and targeted therapeutics. Recently phenotype switching akin to EMT has been reported in non-epithelial cancers such as metastatic melanoma. This process involves changes in EMT-Transcription Factors (EMT-TFs), suggesting that phenotype-switching may be common to several tumour types. It remains unclear as to whether the presence of both Epithelial-like and Mesenchymal-like cells are a pre-requisite for phenotype switching within a tumour, how this heterogeneity is regulated, and if alteration of cell phenotype is sufficient to mediate migratory changes, or whether drivers of cell migration result in an associated phenotype switch in cancer cells. Similarly it has yet to be clarified if cells in an altered phenotype can be refractory to drug therapy or whether mediators of drug resistance induce a concurrent phenotypic change. Little is known today about the underlying genetic, epigenetic and transient changes that accompany this phenotypic switch and about the role for the tumor micro-environment in influencing it. Hence this is currently an area of

speculation and keen interest in the Oncology field with wide-ranging translational implications. In this Frontiers Research Topic, we discuss our current understanding of these concepts in various cancer types including breast cancer, colorectal cancer and metastatic melanoma. This topic covers how these processes of cellular and phenotypic plasticity are regulated and how they relate to cancer initiation, progression, dormancy, metastases and response to cytotoxics or targeted therapies.

2. Record Nr.	UNINA9910778215503321
Autore	Kuhn Harold W (Harold William), <1925->
Titolo	Lectures on the theory of games [[electronic resource] /] / Harold W. Kuhn
Pubbl/distr/stampa	Princeton, N.J., : Princeton University Press, 2003
ISBN	1-282-15911-9 9786612159114 1-4008-2956-9
Edizione	[Course Book]
Descrizione fisica	1 online resource (118 p.)
Collana	Annals of mathematics studies ; ; no. 37
Disciplina	519.3
Soggetti	Game theory
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 and index.
Nota di contenuto	Frontmatter -- Contents -- Author's Note -- Preface -- Chapter 1. What Is the Theory of Games? -- Chapter 2. Matrix Games -- Chapter 3. Extensive Games -- Chapter 4. Infinite Games -- Index
Sommario/riassunto	This book is a spectacular introduction to the modern mathematical discipline known as the Theory of Games. Harold Kuhn first presented these lectures at Princeton University in 1952. They succinctly convey the essence of the theory, in part through the prism of the most exciting developments at its frontiers half a century ago. Kuhn devotes considerable space to topics that, while not strictly the subject matter of game theory, are firmly bound to it. These are taken mainly from the geometry of convex sets and the theory of probability distributions. The book opens by addressing "matrix games," a name first introduced

in these lectures as an abbreviation for two-person, zero-sum games in normal form with a finite number of pure strategies. It continues with a treatment of games in extensive form, using a model introduced by the author in 1950 that quickly supplanted von Neumann and Morgenstern's cumbersome approach. A final section deals with games that have an infinite number of pure strategies for the two players. Throughout, the theory is generously illustrated with examples, and exercises test the reader's understanding. A historical note caps off each chapter. For readers familiar with the calculus and with elementary matrix theory or vector analysis, this book offers an indispensable store of vital insights on a subject whose importance has only grown with the years.

3. Record Nr.	UNINA9910447250703321
Titolo	Information Systems Security : 16th International Conference, ICISS 2020, Jammu, India, December 16–20, 2020, Proceedings / / edited by Salil Kanhere, Vishwas T Patil, Shamik Sural, Manoj S Gaur
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-65610-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XX, 289 p. 83 illus., 56 illus. in color.)
Collana	Security and Cryptology, , 2946-1863 ; ; 12553
Disciplina	005.8
Soggetti	Data protection Computer networks Coding theory Information theory Computers Data and Information Security Computer Communication Networks Coding and Information Theory Computing Milieux
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto

Access Control -- A Unified Access Control Model for Calibration
Traceability in Safety-Critical IoT -- Learning Attribute-Based and
Relationship-Based Access Control Policies with Unknown Values --
Reliability and Security for Safety-Critical Service Compositions --
AI/ML in Security -- A Defence Against Trojan Attacks on Deep Neural
Networks -- An Overview of Cyber Threat Intelligence Platform and
Role of Artificial Intelligence and Machine Learning -- Machine Learning
based Android Vulnerability Detection: A Roadmap -- Privacy and Web
Security -- Revelio: A Lightweight Captcha Solver using a Dictionary
based Approach -- Privacy-Preserving Friend Recommendation in an
Integrated Social Environment -- A Toolkit for Security Awareness
Training against Targeted Phishing -- Forensic Source Identification of
OSN Compressed Images -- Cryptography -- Cheating Detectable
Ramp Secret Sharing with Optimal Cheating Resiliency -- LiARX: A
Lightweight Cipher based on the LTS DesignStrategy of ARX -- Color
Visual Cryptography Schemes Using Linear Algebraic Techniques over
Rings -- Systems Security -- Secure Calculation for Position
Information of IoT Device with Few Communication and Small Secret
Information -- Attacks on Android-based Smartphones and Impact of
Vendor Customization on Android OS Security -- Detection of Malign
and Benign PE Files Using Texture Analysis -- Estimating the Cost of
Cybersecurity Activities with CASPeA.

Sommario/riassunto

This book constitutes the proceedings of the 16th International
Conference on Information Systems Security, ICISS 2020, held in
Jammu, India, during December 16-20, 2020. The 11 regular papers, 2
short papers and 3 work-in-progress papers included in this volume
were carefully reviewed and selected from a total of 53 submissions.
The papers were organized in topical sections named: access control;
AI/ML in security; privacy and Web security; cryptography; and systems
security.

4. Record Nr.	UNINA9910367741403321
Autore	Furukawa Y (Yoshinori)
Titolo	Ice Crystals
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019
ISBN	3-03921-891-3
Descrizione fisica	1 online resource (104 p.)
Soggetti	Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Ice crystals are the most ubiquitous material found in the cryosphere environment of the Earth, in the planetary system, and also in our daily lives. In recent years, ice crystals have increased in importance as one of the key materials for finding solutions to settle various environmental concerns at a global scale. Furthermore, ice crystals are unique materials which are potentially extremely useful in various applications, for example, within the food sciences, medical sciences, and other fields. In dealing with these interesting subjects, research on ice crystals has been more actively pursued in recent years. The Special Issue "Ice Crystals" presents a wide varieties of topics related to ice crystals. It can be considered as a status report reviewing the recent research on ice crystals and serves to provide readers with information on the latest developments concerning ice crystals.