

1. Record Nr.	UNINA9910155239103321
Autore	Stanescu Tudor D. <1967->
Titolo	Introduction to topological quantum matter and quantum computation // Tudor D. Stanescu
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, Taylor & Francis Group, , [2017] ©2017
ISBN	1-351-72228-X 1-315-18150-9 1-4822-4594-9 9781315181509
Edizione	[1st ed.]
Descrizione fisica	1 online resource (395 pages) : illustrations
Disciplina	530.1201/514
Soggetti	Quantum theory - Data processing Topology Quantum computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Quantum theory: some fundamentals -- The geometric phase -- Quantum mechanics and information science -- Symmetry and topology in condensed matter physics -- Topological insulators and superconductors -- Interacting topological phases -- Theories of topological quantum matter -- Majorana zero modes in solid state heterostructures -- Topological phases in cold atom systems -- Topological quantum computation -- Elements of quantum information theory -- Introduction to quantum computation -- Anyons and topological quantum computation.
Sommario/riassunto	What is "topological" about topological quantum states? How many types of topological quantum phases are there? What is a zero-energy Majorana mode, how can it be realized in a solid state system, and how can it be used as a platform for topological quantum computation? What is quantum computation and what makes it different from classical computation? Addressing these and other related questions, Introduction to Topological Quantum Matter & Quantum Computation provides an introduction to and a synthesis of a fascinating and rapidly

expanding research field emerging at the crossroads of condensed matter physics, mathematics, and computer science. Providing the big picture, this book is ideal for graduate students and researchers entering this field as it allows for the fruitful transfer of paradigms and ideas amongst different areas, and includes many specific examples to help the reader understand abstract and sometimes challenging concepts.

2. Record Nr.	UNISA996729400403316
Autore	Degen Helmut
Titolo	Artificial Intelligence in HCI : 7th International Conference, AI-HCI 2026, Held As Part of the 28th HCI International Conference, HCII 2026, Montreal, QC, Canada, July 26-31, 2026, Proceedings, Part II
Pubbl/distr/stampa	Cham : , : Springer, , 2026 ©2026
ISBN	9783032308603
Edizione	[1st ed.]
Descrizione fisica	1 online resource (717 pages)
Collana	Lecture Notes in Computer Science Series ; ; v.16744
Altri autori (Persone)	Degen
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Lecture Notes in Computer Science -- Artificial Intelligence in HCI -- Foreword -- HCI International 2026 Thematic Areas and Affiliated Conferences -- Contents -- Evaluation, Reasoning, and Internal Behavior of AI Models -- Designing Interaction with Generative AI and Intelligent Agents -- Designing Trustworthy Agents for AI-Assisted Decision Making -- Author Index.
Sommario/riassunto	The 7th International Conference on Artificial Intelligence in HCI, AI-HCI 2026, held as part of the 28th International Conference on Human-Computer Interaction, HCI International 2026 (HCII 2026), took place in Montreal, QC, Canada, during July 2026.