1. Record Nr. UNINA9910483219703321

Autore	Tazai Rina
Titolo	Theory of multipole fluctuation mediated superconductivity and multipole phase : important roles of many body effects and strong spin-orbit coupling / / Rina Tazai
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] ©2021
ISBN	981-16-1026-6
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVII, 118 p. 75 illus., 64 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	537.623
Soggetti	Superconductivity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	General Introduction -- Functional Renormalization Group (fRG) study -- Cooperation of el-ph and AFM fluctuations for SC state -- S-wave superconductivity in CeCu2Si2 -- Multipole phase.
Sommario/riassunto	A strong spin-orbit interaction and Coulomb repulsion featuring strongly correlated d- and f-electron systems lead to various exotic phase transition including unconventional superconductivity and magnetic multipole order. However, their microscopic origins are long standing problem since they could not be explained based on conventional Migdal-Eliashberg theorem. The book focuses on many-body correlation effects beyond conventional theory for the d- and f-electron systems, and theoretically demonstrates the correlations to play significant roles in “mode-coupling” among multiple quantum fluctuations, which is called U-VC here. The following key findings are described in-depth: (i) spin triplet superconductivity caused by U-VC, (ii) being more important U-VC in f-electron systems due to magnetic multipole degrees of freedom induced by a spin-orbit interaction, and (iii) s-wave superconductivity stabilized cooperatively by antiferromagnetic fluctuations and electron-phonon interaction contrary to conventional understanding. The book provides meaningful step for revealing essential roles of many-body eects behind long standing problems in strongly correlated materials.

2. Record Nr. UNISA996465596803316

Titolo	Future Multimedia Networking : Third International Workshop, FMN 2010, Krakow, Poland, June 17-18, 2010. Proceedings / / edited by Sherali Zeadally, Eduardo Cerqueira, Marília Curado, Mikolaj Leszczuk
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38736-X 9786613565280 3-642-13789-X
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (X, 184 p. 115 illus.)
Collana	Computer Communication Networks and Telecommunications ; ; 6157
Disciplina	006.7
Soggetti	Computer communication systems Computer programming Multimedia information systems Special purpose computers Application software Data structures (Computer science) Computer Communication Networks Programming Techniques Multimedia Information Systems Special Purpose and Application-Based Systems Information Systems Applications (incl. Internet) Data Structures and Information Theory Krakau <2010>
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Quality of Service (QoS) and Quality of Experience (QoE) Management in Content Centric Networks -- A QoE Fuzzy Routing Protocol for Wireless Mesh Networks -- Multimedia Sharing over the Internet from a Mobile Phone -- Over Provisioning-Centric QoS-Routing Mechanism for the Communication Paradigm of Future Internet 4WARD Proposal -- Video Quality Assessment in Future Multimedia Networking -- QoE as a

Function of Frame Rate and Resolution Changes -- How to Build an Objective Model for Packet Loss Effect on High Definition Content Based on SSIM and Subjective Experiments -- An Edge-Preserving Motion-Compensated Approach for Video Deinterlacing -- Video Distribution in Future Multimedia Networking -- Recording and Playout of Multimedia Conferencing Sessions: A Standard Approach -- Personalized TV Service through Employing Context-Awareness in IPTV/IMS Architecture -- Extended UPnP Multimedia Content Delivery with an HTTP Proxy -- Demonstration on Future Multimedia Networking -- Abare: A Coordinated and Autonomous Framework for Deployment and Management of Wireless Mesh Networks -- CAPIRE: A Context-Aware Points of Interest REcognition System Using a CBIR Approach -- Determining QoS in the Video Telephony Service in an IP Environment -- Strategies for Planning Large Capillarity Broadband Networks Based on ADSL2+ Technology: A Case of Study for QoS-Aware Triple Play Services -- Efficient Transmission of 3D Video Using MPEG-4 AVC/H.264 Compression Technology -- Session Level Analysis of P2P Television Traces -- A Software Architecture for Adapting Virtual Reality Content to Mobile Devices.