

1. Record Nr.	UNINA990000840970403321
Autore	International meeting on recent methods in non linear analysis : <1978
Titolo	Proceedings of the international meeting on recent methods in non linear analysis : Rome, May 8-12, 1978 / edited by E. De Giorgi, E. Magenes, U. Mosco
Pubbl/distr/stampa	Bologna : Pitagora, c1979
Descrizione fisica	669 p. : ill. ; 25 cm
Collana	Atti di congressi
Disciplina	515.355
Locazione	FINBN DINPA MA1 DINSC
Collocazione	02 33 E 5 02 33 E 6 A 138 184-D-12 184-D-30 07 K-55 FONDOMIR-45
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2.	Record Nr.	UNIORUON00025921
	Autore	SMITH, Vincent A.
	Titolo	The Oxford History of India / By Vincent A. Smith ; Ed. Percival Spear
	Pubbl/distr/stampa	rep
	Descrizione fisica	Oxford : At the Clarendon Press, 1961 xiv, 898 p. ; 18 cm Part I revised by Mortimer Wheeler and A.L. Basham, part II revised by J.B. Harrison, part III rewritten by Percival Spear.
	Classificazione	SI IV
	Soggetti	INDIA - Storia
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9910254588503321
	Autore	Putz Stefan
	Titolo	Circuit Cavity QED with Macroscopic Solid-State Spin Ensembles / / by Stefan Putz
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-66447-6
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XVIII, 124 p. 75 illus., 65 illus. in color.)
	Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
	Disciplina	530.1433
	Soggetti	Quantum computers Spintronics Superconductivity Superconductors Quantum theory Solid state physics Quantum Information Technology, Spintronics Strongly Correlated Systems, Superconductivity Quantum Physics Solid State Physics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Part 1: Physical Principles -- Conned Electromagnetic Waves -- Spins in the Cavity--Cavity QED -- Part II: Experimental Realization -- Experimental Implementation--Solid-State Hybrid Quantum System -- Part III: Main Results -- Collective Spin States Coupled to a Single Mode Cavity--Strong Coupling -- Spin Ensembles and Decoherence in the Strong-Coupling Regime--Cavity Protection -- Engineering of long-lived Collective Dark States--Spectral Hole Burning -- Amplitude Bistability with inhomogeneous Spin Broadening--Driven Tavis-Cummings -- Spin Echo Spectroscopy--Spin Refocusing -- Conclusion and Outlook.
Sommario/riassunto	This thesis combines quantum electrical engineering with electron spin resonance, with an emphasis on unraveling emerging collective spin phenomena. The presented experiments, with first demonstrations of the cavity protection effect, spectral hole burning and bistability in microwave photonics, cover new ground in the field of hybrid quantum systems. The thesis starts at a basic level, explaining the nature of collective effects in great detail. It develops the concept of Dicke states spin-by-spin, and introduces it to circuit quantum electrodynamics (QED), applying it to a strongly coupled hybrid quantum system studied in a broad regime of several different scenarios. It also provides experimental demonstrations including strong coupling, Rabi oscillations, nonlinear dynamics, the cavity protection effect, spectral hole burning, amplitude bistability and spin echo spectroscopy.