1. Record Nr. UNINA9910257381703321

Autore	Feldman Joel S
Titolo	“QED A Proof of Renormalizability” [[electronic resource] /] / by Joel S. Feldman, Thomas R. Hurd, Lon Rosen, Jill D. Wright
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1988
ISBN	3-540-45953-7
Edizione	[1st ed. 1988.]
Descrizione fisica	1 online resource (VII, 176 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 312
Disciplina	530.12
Soggetti	Quantum physics Quantum computers Spintronics Mathematical analysis Analysis (Mathematics) Quantum Physics Quantum Information Technology, Spintronics Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The GN tree expansion and UV-renormalization -- Loop regularization -- Ward identities -- The limits ? ? ? and U ? ? -- The tree expansion in the infrared regime -- QED without cutoffs -- Local borel summability.
Sommario/riassunto	The authors give a detailed and pedagogically well written proof of the renormalizability of quantum electrodynamics in four dimensions. The proof is based on the free expansion of Gallavotti and Nicolò and is mathematically rigorous as well as impressively general. It applies to rather general models of quantum field theory including models with infrared or ultraviolet singularities, as shown in this monograph for the first time. Also discussed are the loop regularization for renormalized graphs and the Ward identities. The authors also establish that in QED in four dimensions only gauge invariant counterterms are required. This seems to be the first proof which will be accessible not only to the expert but also to the student.

2.

Record Nr.	UNIORUON00076989
Autore	FREEMAN-GRENVILLE, Greville Stewart Parker
Titolo	The Muslim and christian calendars : Being tables for the conversion of Muslim and Christian dates from the Hijra to the year A.D. 2000 / G. S. P. Freeman-Grenville
Pubbl/distr/stampa	London, : Oxford University Press, 1963
Descrizione fisica	vii, 87 p. ; 23 cm
Disciplina	529.327
Soggetti	CALENDARIO MUSULMANO - Concordanze con il calendario cristiano
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia