

1. Record Nr.	UNISA996466610303316
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Titolo	Yetter-Drinfel'd Hopf Algebras over Groups of Prime Order [[electronic resource] /] / by Yorck Sommerhäuser
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002
ISBN	3-540-45423-3
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (VIII, 164 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1789
Disciplina	512.55
Soggetti	Associative rings Rings (Algebra) Associative Rings and Algebras
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Introduction -- Preliminaries -- Clifford theory -- Examples -- Isomorphisms -- Constructions -- Commutative Yetter-Drinfel'd Hopf algebras -- 7.Cocommutative Yetter-Drinfel'd Hopf algebras -- Semisimple Hopf algebras of dimension p3 -- Semisimple Hopf algebras of dimension pq -- Applications -- References -- Subject index -- Symbol index.
Sommario/riassunto	Being the first monograph devoted to this subject, the book addresses the classification problem for semisimple Hopf algebras, a field that has attracted considerable attention in the last years. The special approach to this problem taken here is via semidirect product decompositions into Yetter-Drinfel'd Hopf algebras and group rings of cyclic groups of prime order. One of the main features of the book is a complete treatment of the structure theory for such Yetter-Drinfel'd Hopf algebras.