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Autore	Hsu Tim
Titolo	Quilts: Central Extensions, Braid Actions, and Finite Groups [[electronic resource] /] / by Tim Hsu
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2000
ISBN	3-540-45580-9
Edizione	[1st ed. 2000.]
Descrizione fisica	1 online resource (XIV, 190 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1731
Disciplina	512.2
Soggetti	Group theory Group Theory and Generalizations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Background material -- Quilts -- Norton systems and their quilts -- Examples of quilts -- The combinatorics of quilts -- Classical interpretations of quilts -- Presentations and the structure problem -- Small snug quilts -- Monodromy systems -- Quilts for groups involved in the monster -- Some results on the structure problem -- Further directions.
Sommario/riassunto	Quilts are 2-complexes used to analyze actions and subgroups of the 3-string braid group and similar groups. This monograph establishes the fundamentals of quilts and discusses connections with central extensions, braid actions, and finite groups. Most results have not previously appeared in a widely available form, and many results appear in print for the first time. This monograph is accessible to graduate students, as a substantial amount of background material is included. The methods and results may be relevant to researchers interested in infinite groups, moonshine, central extensions, triangle groups, dessins d'enfants, and monodromy actions of braid groups.