

1. Record Nr.	UNINA9910784288703321
Titolo	Finite Groups 2003 [[electronic resource]] : proceedings of the Gainesville conference on finite groups, March 6-12, 2003 / / editors, C.Y. Ho ... [et al.]
Pubbl/distr/stampa	Berlin ; ; New York, : Walter de Gruyter, c2004
ISBN	1-282-19437-2 9786612194375 3-11-019812-6
Descrizione fisica	1 online resource (436 p.)
Collana	De Gruyter Proceedings in Mathematics
Classificazione	SD 2003
Altri autori (Persone)	HoChat-Yin <1946->
Disciplina	512/.23
Soggetti	Finite groups
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front matter -- Table of contents -- On a question of Farjoun -- Extensions for finite groups of Lie type: twisted groups -- On the classifying space and cohomology of Thompson's sporadic simple group -- New versions of Schur-Weyl duality -- Just infinite periodic Lie algebras -- On the Schur indices of cuspidal unipotent characters -- An extension of Thompson's Replacement Theorem by algebraic group methods -- Simple connectedness of the geometry of nondegenerate subspaces of a symplectic space over arbitrary fields -- Classification of 2F-modules, II -- On the real Schur indices associated with infinite Coxeter groups -- Some observations on products of characters of finite classical groups -- The number of finite p-groups with bounded number of generators -- Enumerating highly non-soluble groups -- 3-Signalizers in almost simple groups -- Classifying character degree graphs with 5 vertices -- Heights of characters and defect groups -- Problems on characters and Sylow subgroups -- Ovals in finite projective planes via the representation theory of the symmetric group -- Rank invariance and automorphisms of generalized Kac-Moody superalgebras -- Bounding numbers and heights of characters in p-constrained groups -- Classification of buildings -- Characters of algebra groups and unitriangular groups -- The signalizer method -- Classical groups in dimension 5 which are

Hurwitz -- A classification of Weyl groups as finite $\{3, 4\}$ -transposition groups -- Powerful subgroups of 2-groups -- Regular orbits of induced modules of finite groups -- Radical subgroups and p -local ranks -- Backmatter

Sommario/riassunto

This is a volume of research articles related to finite groups. Topics covered include the classification of finite simple groups, the theory of p -groups, cohomology of groups, representation theory and the theory of buildings and geometries. As well as more than twenty original papers on the latest developments, which will be of great interest to specialists, the volume contains several expository articles, from which students and non-experts can learn about the present state of knowledge and promising directions for further research. The Finite Groups 2003 conference was held in honor of Joh
