

1. Record Nr.	UNISALENTO991003688959707536
Autore	Conference on Abelian groups <1981 ; Oberwolfach, Germany>
Titolo	Abelian Group Theory [e-book] : proceedings of the Oberwolfach conference, January 12-17, 1981
Pubbl/distr/stampa	Berlin : Springer, 1981
ISBN	9783540123354
Descrizione fisica	1 electronic resource
Collana	Lecture notes in mathematics, 0075-8434 ; 874
Classificazione	AMS 20-06 AMS 20K LC QA180.C66
Altri autori (Persone)	Rüdiger, Göbel Elbert, Walker
Disciplina	512.2
Soggetti	Abelian groups - Congresses Group theory - Congresses
Lingua di pubblicazione	Tedesco
Formato	Software
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographies and index
Sommario/riassunto	A conference on Abelian Group Theory was held at the Manoa Campus of the University of Hawaii from December 28, 1982 to January 4, 1983. It was probably the best attended conference on Abelian Group Theory to date with 55 participants from allover the world and the busiest one with 49 talks. A special feature were general interest lectures by Hyman Bass, Columbia University, on "Non-linear Algebra", and by Claus Michael Ringel, Uni versiUit Bielefeld, on "Representations of Algebras". The Conference offered surveys by Laszlo Fuchs, Tulane University, on "Torsion Modules over Valuation Rings", Fred Richman, New Mexico State University, on "Mixed Groups", Paul Eklof, University of California at Irvine, on "Set Theory and Structure Theorems", Rudiger Gobel, Uni: versitat Essen on "Endomorphism Rings", and Lee Lady, University of Hawaii, on "Torsion Free Groups of Finite Rank". The research reports attested to lively activity in the traditional and in new areas of inquiry within and around Abelian Group Theory. The best represented groups were those of finite rank without torsion, a field employing increasingly sophisticated tools from ring theory and algebraic number theory. The use of set theoretic methods continues to flourish after the pioneering

work of Saharon Shelah in the 1970s, and is delivering impressive results. This volume contains the papers of the participants of the Conference and a number of additional articles of others who could not or did not come
