



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)
/ Thesis & Dissertation (/jspui/handle/123456789/1)
/ Master of Science (/jspui/handle/123456789/2)
/ MS-17 (/jspui/handle/123456789/4015)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/4101>

Title:	Resesentations of finite groups and group rings
Authors:	Taneja, Kriti (/jspui/browse?type=author&value=Taneja%2C+Kriti)
Keywords:	Resesentations finite groups group rings
Issue Date:	Apr-2022
Publisher:	IISER Mohali
Abstract:	Let G be a finite group and K be a field. The aim of this thesis is to study the representations of G over K and to observe the connections with group algebra KG . Fundamental problems in these areas include writing a complete set of irreducible K -representations of G , the character table of G and the explicit structure of KG that is closely related to the complete set of primitive central idempotents of KG . We address these problems and list complete answers for substantial classes of finite groups, with a special focus on metacyclic groups.
URI:	http://hdl.handle.net/123456789/4101 (http://hdl.handle.net/123456789/4101)
Appears in Collections:	MS-17 (/jspui/handle/123456789/4015)

Files in This Item:

File	Description	Size	Format	
Yet to obtain consent.pdf (/jspui/bitstream/123456789/4101/1/Yet%20to%20obtain%20consent.pdf)		144.56 kB	Adobe PDF	View/Open (/jspui/bitstream/123456789/4101/1/Yet%20to%20obtain%20consent.pdf)

[Show full item record \(/jspui/handle/123456789/4101?mode=full\)](/jspui/handle/123456789/4101?mode=full)

[Statistics \(/jspui/handle/123456789/4101/statistics\)](/jspui/handle/123456789/4101/statistics)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.