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Title:	Central units of integral group rings of monomial groups.
Authors:	Kaur, Gurleen (/jspui/browse?type=author&value=Kaur%2C+Gurleen)
Keywords:	Monomial groups Integral group rings
Issue Date:	2022
Publisher:	American Mathematical Society
Citation:	Proceedings of the American Mathematical Society, 150(8), 3357-3368.
Abstract:	In this paper, it is proved that the group generated by Bass units contains a subgroup of finite index in the group of central units $Z(U(ZG))$ of the integral group ring $ZG$ for a subgroup closed monomial group $G$ with the property that every cyclic subgroup of order not a divisor of 4 or 6 is subnormal in $G$ . If $G$ is a generalized strongly monomial group, then it is also shown that the group generated by generalized Bass units contains a subgroup of finite index in $Z(U(ZG))$ . Furthermore, for a generalized strongly monomial group $G$ , the rank of $Z(U(ZG))$ is determined. The formula so obtained is in terms of generalized strong Shoda pairs of $G$ .
Description:	Only IISER Mohali authors are available in the record.
URI:	<a href="https://doi.org/10.1090/proc/15975">https://doi.org/10.1090/proc/15975</a> ( <a href="https://doi.org/10.1090/proc/15975">https://doi.org/10.1090/proc/15975</a> ) <a href="http://hdl.handle.net/123456789/5230">http://hdl.handle.net/123456789/5230</a> ( <a href="http://hdl.handle.net/123456789/5230">http://hdl.handle.net/123456789/5230</a> )
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