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Title:	Primitive Central Idempotents in Rational Group Algebras
Authors:	Passi, I.B.S. (/jspui/browse?type=author&value=Passi%2C+I.B.S.)
Keywords:	Irreducible complex representation Primitive central idempotent
Issue Date:	2012
Publisher:	Taylor and Francis Group, LLC
Citation:	Communications in Algebra, 40 (4), pp. 1413-1426.
Abstract:	A complex irreducible character χ of a finite group G , with an affording representation ρ , is defined to have the property P if, for all $g \in G$, either $\chi(g) = 0$ or all the eigen-values of $\rho(g)$ have the same order. An explicit expression for the primitive central idempotent of the rational group algebra $\mathbb{Q}[G]$ associated with a complex irreducible character having the property P is derived. Several consequences are then obtained.
URI:	http://www.tandfonline.com/doi/abs/10.1080/00927872.2010.551685 (http://www.tandfonline.com/doi/abs/10.1080/00927872.2010.551685)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

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