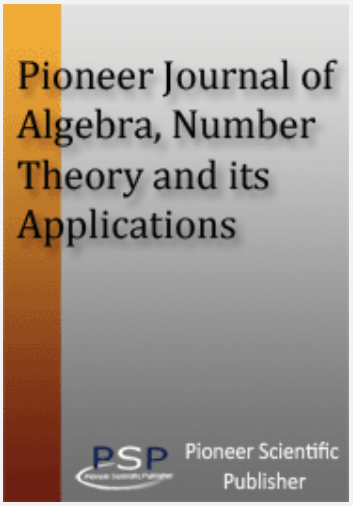
Pioneer Journal of Algebra, Number Theory and its Applications

Volume 27, Issues 1-2, Pages 19-30 (March & June 2024)

ISSN: 2231-1831



PRIMITIVE SOLVABLE GROUPS (PSG)

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Received August 14, 2023

Abstract

Let G be a finite solvable group, let K be a subfield of C, let $f : G\ X\ G \geq K^*$ be some 2-cocycle and let $XC\ Irr(G, f)$ be primitive. Assume $K(X) = K$. Then if G is odd the simple component $AK(G, x)$ of (K, G, f) corresponding to X is a -matrix algebra over K and if ¾/-1 • K it is a matrix algebra over K in any case.

Keywords and phrases: Schur index, irreducible characters, primitive.