



COGALOIS EXTENSIONS VIA CLIFFORD-COGALOIS EXTENSIONS

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Received January 30, 2012

Abstract

G -radical, G -Kneser and G -Cogalois field extensions are introduced in [T. Albu and F. Nicolae, Kneser field extensions with co-Galois correspondence, J. Number Theory 52(2) (1995), 299-318]. In this work, we study certain properties of this kind of field extensions using techniques from graded ring theory.

Keywords and phrases: Cogalois extensions, Γ -Clifford extensions, Cogalois correspondence, Kneser extensions, graded rings.

ISSN: 2231-1831

Pioneer Journal of
Algebra, Number
Theory and its
Applications



Pioneer Scientific
Publisher