



SOME RESULTS ON ABSTRACT COGALOIS THEORY

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Abstract

G-radical, *G*-Kneser and *G*-Cogalois field extensions were introduced by Albu and Nicolae. In this work, we study the *G*-Kneser extensions which are not *G*-Cogalois, the Kummer *G*-Cogalois and the pseudo *G*-Cogalois field extensions.

Keywords and phrases: radical extension, Kummer extension, Kneser extension, Cogalois extension, Cogalois correspondence, *G*-Cogalois extension, Kneser group of cocycles, Cogalois group of cocycles.

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