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FINITE GROUP ACTIONS AND PAC FIELDS

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Abstract

We give a new and very elementary proof of the result saying that a field with a finite group action is existentially closed if and only if the action is faithful and the field of constants is "K-strongly PAC". We will also discuss the differential case (possibly in all characteristics).

Date : Monday, December 20, 2021

Time: 14:00

Place: IMBM, Boğaziçi University South Campus