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A FUNCTORIAL RESOLUTION OF UNITS OF BURNSIDE RINGS

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Abstract

Most of the structural properties - prime spectrum, species, idempotents, ... - of the Burnside ring of a finite group have been precisely described a few years after its introduction in 1967. An important missing item in this list is its group of units. After a - non exhaustive - review of this subject, I will present some recent results on the functorial aspects of this group.

Date : Monday, March 22, 2021

Time: 14:00