The homomorphisms between the Dickson-Mùi algebras as modules over the Steenrod algebra [Homorphismes entre l'algèbre de Dickson-Mùi comme module sur l'algèbre de Steenrod]

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Abstract: The Dickson-Mùi algebra consists of all invariants in the mod p cohomology of an elementary abelian p-group under the general linear group. It is a module over the Steenrod algebra, A. We determine explicitly all the A-module homomorphisms between the Dickson-Mùi algebras and all the A-module automorphisms of these algebras. © 2010 Académie des sciences.

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