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A Magical Spell of Massey Products on Galois p -extensions

Cinderella's fairy godmother could turn a pumpkin into a carriage, mice into horses, and rags into riches. Equally astonishingly, M. Rost and V. Voevodsky described a remarkably simple Galois cohomology and possibly related to these developments are some current automatic constructions of Galois p -extensions due to the vanishing of certain Massey products in Galois cohomology.

Has a charming "Massey spell" been cast on Galois p -extensions of general fields?

I will discuss this possibility by reviewing some of the work of M. Hopkins and K. Wickelgren, I. Efrat and E. Matzri, and my joint work with N. D. Tan. Some previous related work of S. Chebolu, I. Efrat, and myself; will also be recalled.