
UGUR MADRAN, Izmir University of Economics, Izmir, Turkey

On separating invariants over prime fields

Separating invariants have been studied extensively in the last decade. They have nice properties that generating sets (as an algebra) do not have, especially in the modular case. Nevertheless, many results on separating invariants require that the underlying field should have sufficiently many elements, which seems to be a very natural condition. In this talk, we will restrict our attention only to the case where the underlying field is prime and discuss the problem of finding separating invariants.