On good reductions of function fields revisited

B. Green*

University of Stellenbosch bwq@sun.ac.za

P. Roquette

University of Heidelberg

SAMS Subject Classification: Number Theory; Algebra

The aim of this talk is to discuss certain questions and results related to good reduction of function fields in a general setting. These results have recently been needed by specialists working in area of Field Arithmetic, prompting this investigation. The work builds on and refines that done by a number of authors, but here restricting to the case of regular/good reduction.