

GENERIC TRIVIALITY OF PRINCIPAL BUNDLES ON RELATIVE CURVES

RAMAN PARIMALA

Let C be a proper flat curve over a complete discrete valuation ring T with function field F and G a reductive group scheme over C . We explain results on generic triviality of G -bundles which are trivial on the closed fiber. This leads to local-global principles for G -torsors over F with respect to discrete valuations of F centered on codimension one points of C if it is smooth over R . (Joint work with P. Gille and V. Suresh)