

1014-12-1148 **Arne Ledet*** (arne.ledet@ttu.edu), Department of Mathematics and Statistics, Texas Tech University, Lubbock, TX 79409-1042. *Generic polynomials*.

A generic polynomial for a finite group G over a field K is a polynomial defined over a function field $K(\mathfrak{t})$, such that (1) it itself has Galois group G , and (2) every Galois extension M/L with Galois group G and $L \supseteq K$ is the splitting field of a specialisation of the polynomial. The talk will give some results and remarks concerning generic polynomial. (Received September 27, 2005)