1078-20-31   **Kay Magaard*** (`k.magaard@bham.ac.uk`), School of Mathematics, University of Birmingham, Birmingham, B15 2TT, England, **Gerhard Roehrle** (`gerhard.roehrle@rub.de`), Fakultät für Mathematik, Universitätsstrasse 150, D-44780 Bochum, Germany, and **Donna Testerman** (`donna.testerman@epfl.ch`), Section de Mathématiques, EPFL, Station 8, CH-1015 Lausanne, Switzerland. *Tensor products of cross characteristic representations of classical groups.*

Let H be a quasisimple group of Lie type of characteristic p, and W a vector space over an algebraically closed field k of characteristic distinct from p. Suppose that H acts irreducibly on W and that G is a classical group with natural module W. Suppose also that G is chosen minimally with respect to containing H. We consider the question of when H can act irreducibly on a G constituents of $W^{\otimes e}$ and its relationship to the maximal subgroup problem to finite classical groups. (Received November 01, 2011)