THE DEPARTMENT OF MATHEMATICS

$\mathfrak{F}_P(P) = \mathfrak{F}_P(G)$ $P \in Syl_p(G)$ $N = N_G(Z(J(P)))$, $\mathfrak{F}_P(N) = \mathfrak{F}_P(G)$

Algebra Seminar

Monday - November 6, 2017

at 4pm, in the Alavi Commons, Everett Tower

Mr. Mohammad A. Shatnawi
The Department of Mathematics
Western Michigan University

On Maschke's Theorem of Complete Reducibility

In this talk, will introduce matrix representations of groups and character theory. Then we will present a proof of Maschke's Theorem of Complete Reducibility. The presentation will be motivated by the treatment of group representations in ***Group Theory*** by Marshall Hall Jr..

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