# THE DEPARTMENT OF MATHEMATICS

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

# Algebra Seminar

Monday - December 11, 2017

***at 4pm, in the Alavi Commons, Everett Tower***

**Dr. Timothy L. Clark**
The Department of Mathematics
Adrian College

## On the equivalence of the category of Sharply 2-transitive groups and the category of Near-domains

In this talk, I will demonstrate the equivalence of the category of Sharply 2-transitive groups and the category of Near-domains. Hence, if we prove a theorem in the category of Sharply 2-transitive groups we prove a corresponding theorem in the category of Near-domains and vice versa.

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