

CENTRAL MICHIGAN UNIVERSITY
Department of Mathematics
GRADUATE STUDENT
SEMINAR

ANDREW GLEASON
Harvard University
starring in the film lecture

NIM AND OTHER ORIENTED GRAPH GAMES

Tuesday, October 11, 3:45 pm - 5:00 pm
Pearce Hall, Room 227

We will be watching a film lecture published in 1966 featuring Andrew Gleason of Harvard University on the above title. *Notices of the AMS* called Gleason “one of the quiet giants of twentieth-century mathematics”. He made tremendous contributions to the society via his mathematical research and the innovative teaching styles.

The topic of Game Theory was suggested by a current graduate student.

Game Theory, roughly speaking, studies mathematical models on winning strategies. The theory has abundant applications to Economics, Biology, and Psychology, just to name a few.

This film lecture gives an introduction to the basic ideas growing out of the NIM game and their mathematical models. Not sidetracked by the subject’s applications to other disciplines, the lecture focused mainly on the interesting mathematical part that comes into the studies of the subject. * Film run time \approx 65 min.

** Notice the early starting time 3:45 pm.