Applied Mathematics Seminar

Dr. David McClendon – Ferris State University

Friday, Nov. 21 1-1:50pm

MAK A-2-610 (PCS) or via zoom (request password from ortizron at gvsu dot edu)

Analyzing methods used to measure recruiting classes of major college football programs and assign star ratings to recruits

Abstract: It is widely believed that the ability of a major college football program to win on the field depends largely on the quality of its recruiting classes. Indeed, previous studies have found correlation between the overall quality of a college football program's recruiting classes and its performance on the field. These studies use as their measurement of a program's recruiting class either the "total points" accrued by the class, or the numbers of players in the class with various "star ratings". Both "total points" and "star ratings" are mathematical functions of ratings given to individual recruits by outlets like ESPN, 247Sports and On3 (formerly known as Rivals).

In this talk, I'll discuss work with recent Ferris State graduate Michael Nadrowski, where we critique the formulas used by 247Sports to produce their "total points" and "star rating" metrics from individual player ratings. I'll discuss how these formulas work, how they could be improved, and what our analysis implies about the efficacy of recruiting ratings in general.

Applied Math Seminar- Pizza RSVP

More info: http://bit.ly/applied-math-seminar

**Hosted by the Mathematics Department, GVSU