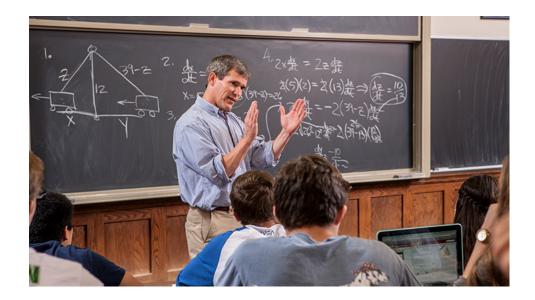# VCU Discrete Mathematics Seminar

The Final Four: construction of difference sets in groups of order 256

Prof James Davis
University of Richmond

Wednesday, Nov. 9
1:00-1:50
4145 Harris Hall

As of the summer of 2015, the existence (or not) of a difference set was settled for 56,088 of the 56,092 nonisomorphic groups of order 256. This left "the Final Four". In this talk, we will outline the general problem, describe both construction methods and nonexistence results, and discuss the answer to the final four groups.

For the Fall 2016 DM seminar schedule, see:

http://www.people.vcu.edu/~clarson/discrete-seminar-fall-2016.html