TEXAS ★ STATE ®
MATHEMATICS

Discrete Mathematics Seminar

Time: Friday, April 7, 2023, 1:00 - 2:00 PM
Title: Recognizing simple groups using the codegree set
Speaker: Dr. Yong Yang, Department of Mathematics, Texas State University
Location: 331 Derrick Hall

Abstract:

We will review the history about a conjecture of Huppert which states that any non-abelian simple group can be recognized by its character degree set. We will discuss some recent evelopments of a variation of this conjecture proposed by Qian saying that one can also recognize a non-abelian simple group by using the codegree set.