

GRADUATE SEMINAR

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Two examples of strongly regular graphs

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August 11, 2023

2:15 pm

Math Lounge (CW 307.20)

Abstract:

This seminar will cover two examples of strongly regular graphs. Namely, the block graphs of $2-(n, m, 1)$ designs and orthogonal arrays. Within each example we will calculate the strongly regular graph parameters and eigenvalues. Additionally, we will define the clique ratio bound and discuss how it can be used for each graph.