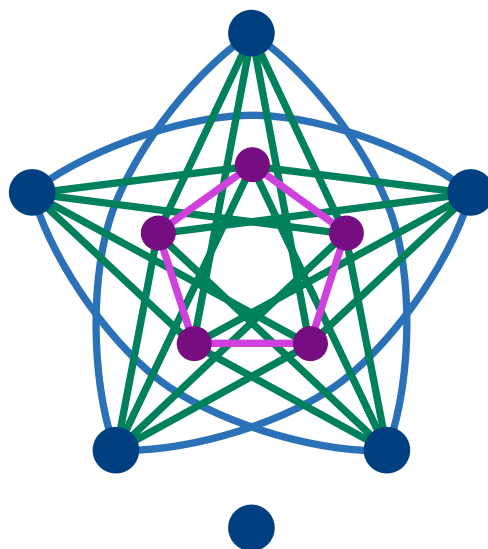## The Logo

It is a classical problem to determine the structure of the ideal class group of a number field. Several students of the Algebraic Number Theory/Quadratic Forms group at LSU have been working on this problem.

The students associated graphs to quadratic fields so that the properties of the graphs yielded results about the ideal class groups. One of the graphs they came across is this beautiful graph. Except for the isolated vertex, the graph is the edge complement of the Petersen graph, one of the most fundamental and well-known of all graphs.

The LSU Department of Mathematics has adopted this graph as the logo for its website to symbolize the many years of achievement by its graduate students.

Editors

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