





Graduate Research Plan Jonathan Gerhard We were playing a game. For a graph G, define a configuration of G to be an assignment of integers to every vertex, which we think of an plaining some number of things on each vertex. We fee a vertex v by sending a chip along such edge adjacent to v. and consider test of configuration that an une to funding thing plaining. The configuration that an une to funding thing plaining. The following the extraction of the critical group of the square rooks graph. Once the year started, I quickly became entrabelled in a power of the graph of the critical group of the square rooks graph. Once the year started, I quickly became entrabelled in a power of the graph of the critical group of the square rook graph. Once the year started, I quickly became entrabelled in a power of the graph of the gra



		_