1152-55-164   **Steven Scheirer*** (`sscheire@ashland.edu`). *Discrete Morse theory and topological complexity of graph configuration spaces.*

In this talk, we will be interested in the topological complexity of unordered graph configuration spaces. We will discuss an approach to studying these spaces using discrete Morse theory and use this approach to determine the topological complexity for configuration spaces of certain classes of graphs. (Received September 01, 2019)