## **The Fiedler Game**

Choose edges to construct a graph with a Fiedler value matching the target Fiedler value. The initial graph needs one edge selected for completion, the next graph needs two, and the final graph needs three. At completion, one can choose a new graph to generate. To play, first generate a graph, then press "next" to continue after matching Fiedler values.

Select Number of Nodes: 5 Generate Graph

Target Fiedler Value: 0.8299

Current Fiedler Value: 0.5188

