

## Shortest Paths in Highly Symmetric Graphs

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The edge betweenness centrality of an edge  $e$  in a graph  $G$ , denoted  $B'_G(e)$ , measures the frequency at which  $e$  appears on a shortest path between two distinct vertices  $x$  and  $y$ . If the values for  $B'_G(e)$  over all edges in  $G$  are all the same the graph is said to be edge betweenness uniform. We investigate families of graphs that have this highly symmetric property.

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