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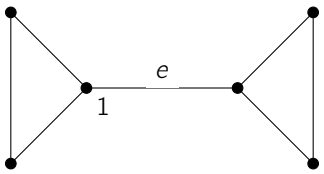
By Theorem 5.3, every Eulerian walk in a connected graph G must traverse each bridge of G twice. Suppose that G is a connected graph containing exactly one bridge e. Is it possible that G has an Eulerian walk that traverses e twice and all other edges of G once?

It is possible. The Eulerian walk in the following graph starting from vertex 1, satisfies the property.



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What is the length of an Eulerian walk in a tree of order $n \geq 2$?

A closed Eulerian walk in a tree must traverse every edge of the tree once, meaning that the length of the walk is $2(n-1)$.