962-Q1-393 **Brian P Hopkins*** (hopkins@seattleu.edu). *Euler's Geometry of Position: Graph Theory.*

The history of graph theory begins with Euler's solution to the bridges of Koenigsberg problem (Regiomonti in the original Latin). We will go through the reasoning and examples of the 1736 paper which gives a complete treatment of what came to be known as Eulerian cycles and paths. Also, it turns out that Euler has claims to what we call Hamiltonian cycles. (Received September 13, 2000)