

CSC/MAT-220: Discrete Structures

EFY 14

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Seven Bridges of Königsberg. The city of Königsberg in Prussia was set on both sides of the Pregel River, and included two large islands which were connected to each other, or to the two mainland portions of the city, by seven bridges. See the figure below.

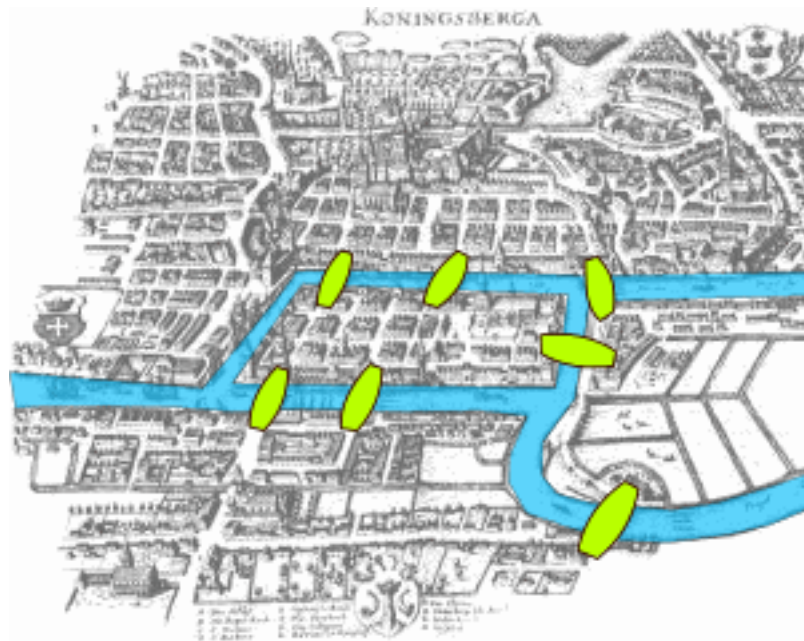


Figure 1: By Bogdan Giuscă

The problem is to walk through the city by crossing each bridge exactly once. Can you construct such a walk?