

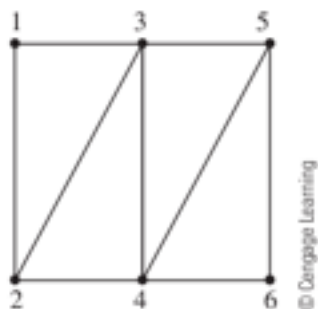
IS 609 Homework Week 7

Ben Arancibia

October 10, 2015

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- 2) The bridges and land masses of a certain city can be modeled with graph G in Figure 8.7.



- a. Is G Eulerian? Why or why not?
- b. Suppose we relax the requirement of the walk so that the walker need not start and end at the same land mass but still must traverse every bridge exactly once. Is this type of walk possible in a city modeled by the graph in Figure 8.7? If so, how? If not, why not?

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