

General Mathematics and CPS II

Exercise 5

February 18, 2015

1. Ivanov, p. 99, Problem 13.
2. Ivanov states the following famous theorem (p. 100, Theorem 11):

A finite connected graph is Eulerian (there is a chain containing every edge) if and only if it has either two vertices of odd valency or none.

Write out a complete proof following the sketch given by Ivanov.