

General Mathematics and CPS II

Exercise 2

February 8, 2012

1. Ivanov, p. 92, Exercise: Generalize Euler's formula to the case of an arbitrary (i.e., not necessarily connected) planar graph.
2. Ivanov, p. 92, Exercise: Prove that the complete graph of 5 vertices (i.e., with every vertex adjacent to every other) cannot be embedded in the plane.