

Homework #5

Graph Theory

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Group

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1. The graph¹ of Europe $G^* = \langle V, E \rangle$ is defined as follows: each vertex $v \in V$ is a Europe country; two vertices are adjacent ($\{u, v\} \in E$) if the corresponding countries share a land border. Let G be the

¹ Hereinafter, “graphs” are “simple, finite, undirected and unweighted”, unless stated otherwise.