## Lecture 11: Planarity · 1MA020

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20 November 2023

We study the notion of a graph being *planar*, define its *planar dual*, and prove some results about when a graph is planar. We give most of a proof of the theorems of Kuratowski and Wagner about forbidden minors for planar graphs. Finally, we introduce the notion of outerplanar graphs.

**Exercises** 

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