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Planar graphs have bounded queue-number

We show that planar graphs have bounded queue-number, thus proving a conjecture of Heath et al. from 1992. The key to the proof is the following result: every planar graph is a subgraph of the strong product of some treewidth 8 graph and some path. We generalise the first result to show that every proper minor-closed class has bounded queue-number. This is joint work with Vida Dujmović, Gwenaël Joret, Piotr Micek, Pat Morin and Torsten Ueckerdt [J. ACM 67.4:22, 2020].