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In this work, we define *near planar* graphs G that are planar graphs or have an edge e such that $G \setminus e$ is planar. The class of near planar graphs are closed not under minors but under topological minor. In addition, we notice that we can make a trivial infinite series of planar graphs using an operation, namely parallel subdivision. We define a relationship \lesssim between two graphs which is an extension of topological minor.

We define a minimal excluded class \mathcal{M} of near planar graphs under \lesssim . We find that every member of \mathcal{M} except finite members is containing a Möbius ladder and is made by three blocks. (Received September 24, 2012)