**On the Kelmans-Seymour conjecture**
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Kelmans and Seymour independently conjectured in the 1970s that
every 5-connected nonplanar graph contains a subdivision of $K\_5$.
Ma and Yu proved that this conjecture holds for graphs containing $K\_4^-$.
We have recently proved this conjecture.  In this talk, we will give
an outline of our proof