Cutting, Splicing, and Kelvin Waves\textsuperscript{1} MARTIN SCHEELE,
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experimental advances have allowed us to create, visualize and track vortices of pre-
scribed shape and topology in classical fluids. We study the effect of surgery (cutting
and splicing) on the evolution of the geometry and topology of these vortex loops,
with a particular focus on the wave-like excitations generated by these operations.
We interpret the dynamics of these excitations and the role they play within the
broader context of vortex evolution.

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