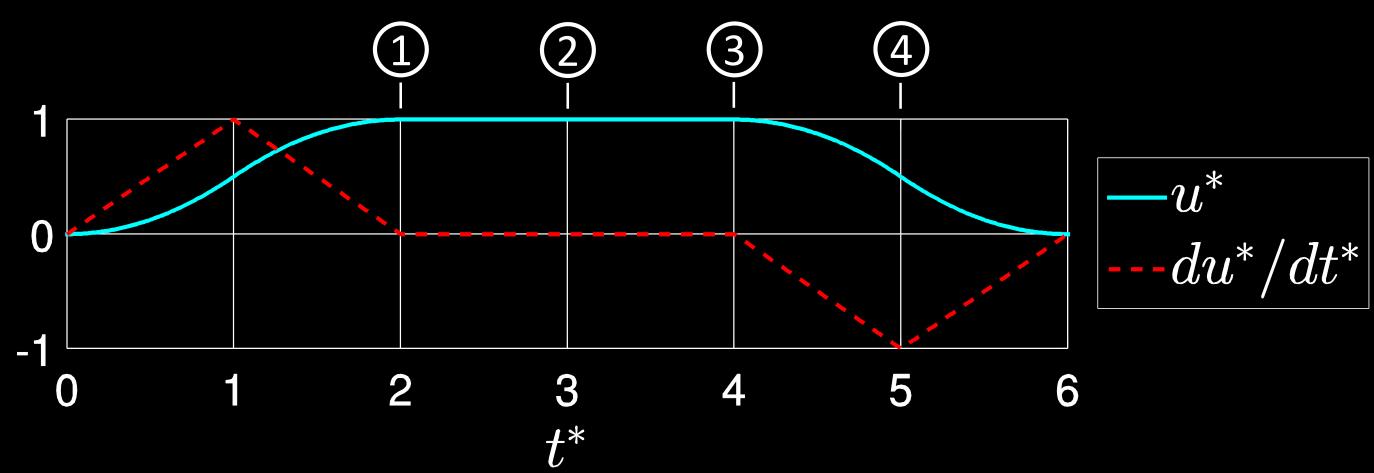


Ghosts of Helmholtz



Hydrogen-bubble visualization of a starting vortex

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- 1) Trailing-edge vortex core is connected to the plate-tip near the solid boundary
- ② Straight vortex filaments are visible in the shear layer
- 3 Vortex filaments in the shear layer have buckled
- 4 Vortex core has detached from the plate and connected to the solid boundary

