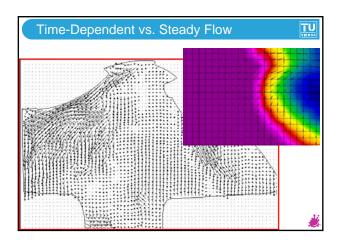
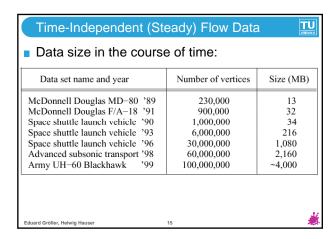
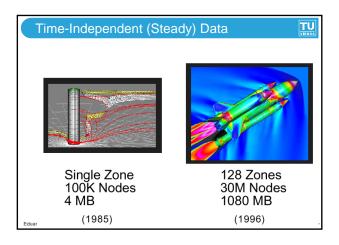
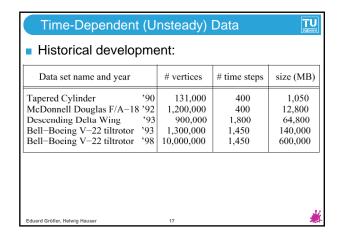


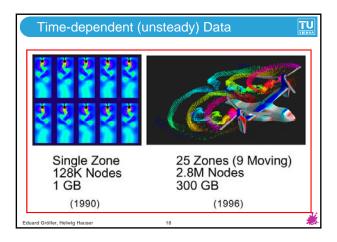
Steady vs. Time-Dependent Flows ■ Steady (time-independent) flows: • Flow static over time • v(x): Rⁿ→Rⁿ, e.g., laminar flows • Simpler interrelationship ■ Time-dependent (unsteady) flows: • Flow itself changes over time • v(x,t): Rⁿ×R¹→Rⁿ, e.g., turbulent flows • More complex interrelationship

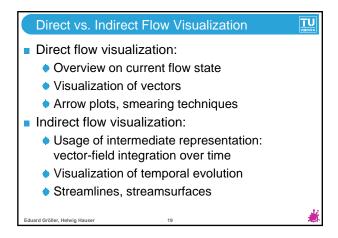


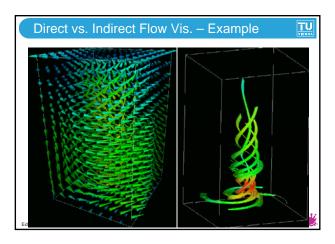




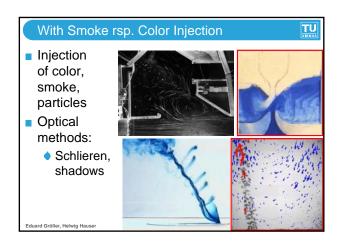


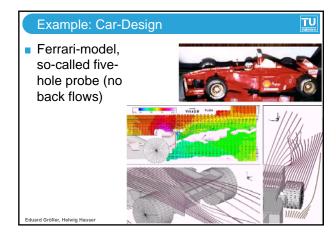


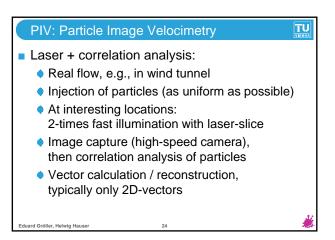


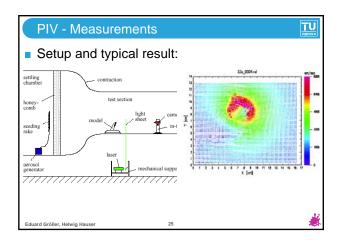


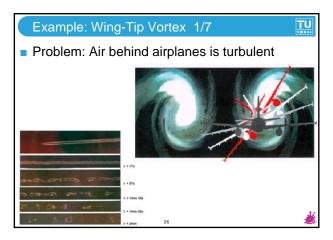
Experimental
Flow Visualization
Optical Methods, etc.

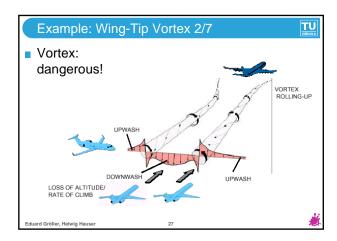


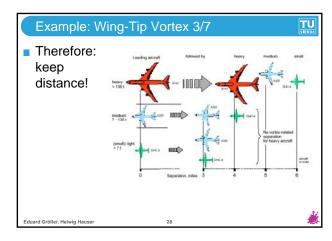




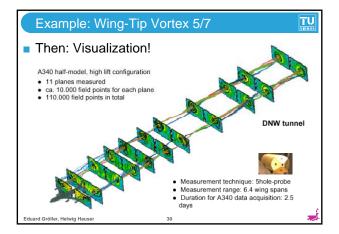


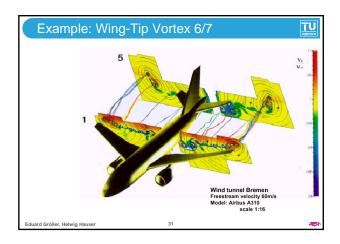


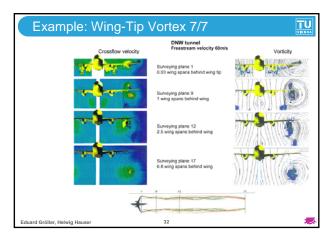












Visualization of Models

Dynamical Systems

