

MAE 207 Vortex Dynamics

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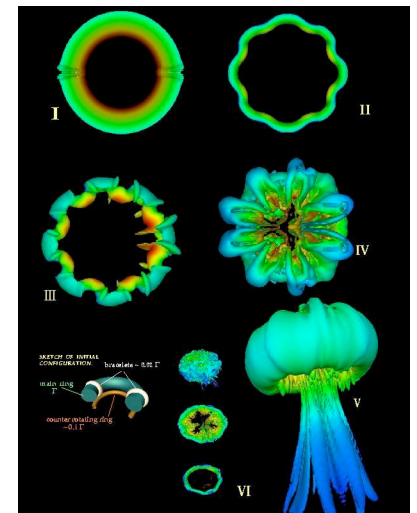
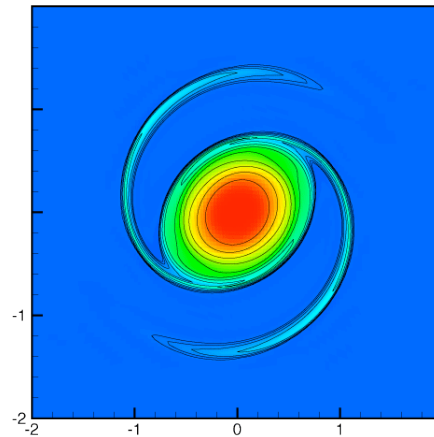
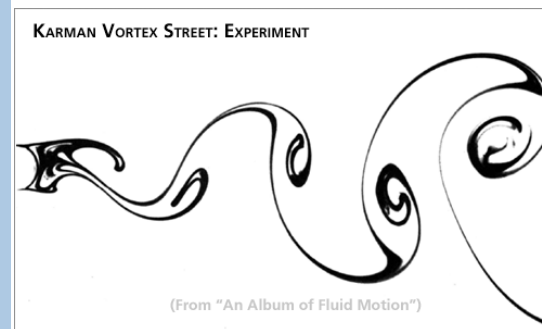
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The structure and evolution of vortices are crucial to problems in fluid dynamics. Examples are wakes, hurricanes, vortex rings, etc...

This class will cover vortex dynamics, from basics to advanced.

Topics: point vortices, vortex rings, vortex filaments, vortex patches and other things vortical.

Appropriate for graduates and for motivated undergraduates.



NASA Wake Vortex Study at Wallops Island
NASA Langley Research Center 5/4/1990 Image # EL-1996-00130

