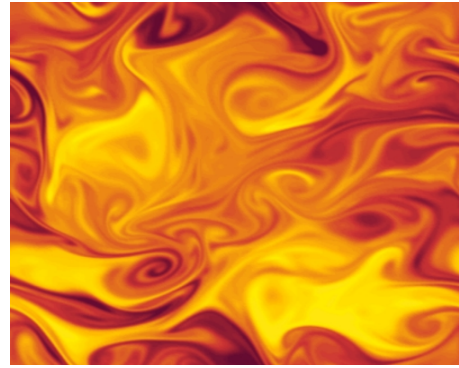


Introduction to **TURBULENCE** **Oc674**



SPRING TERM 2016

MW 10:00 - 11:50

Text: *A First Course in Turbulence* by H. Tennekes and J.L. Lumley, MIT Press

Topics

1. Dynamical description of turbulence
2. Wall effects and transport properties
3. Jets, wakes and mixing
4. Statistical tools for turbulence
5. Ocean mixing processes

Prerequisite: graduate level fluid dynamics course

Grading: final/midterm exams (50%)
periodic homework assignments (50%)

46 06 N, 124 17 W
29 September 2001
2008 - 2011 GMT

Instructor

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