



Mach Wave Radiation from a Jet at Mach 1.92

Submitted by
R. Darke and J. B. Freund, University of California,
Los Angeles

The visualization shows a two-dimensional slice through the center of a Mach 1.92, Reynolds number 2000 round jet computed by direct numerical simulation. The simulation is

Color contours: vorticity
B/W: prop. to $\text{div}(\mathbf{u})$
should be similar to TBL radiation.
see movie also.