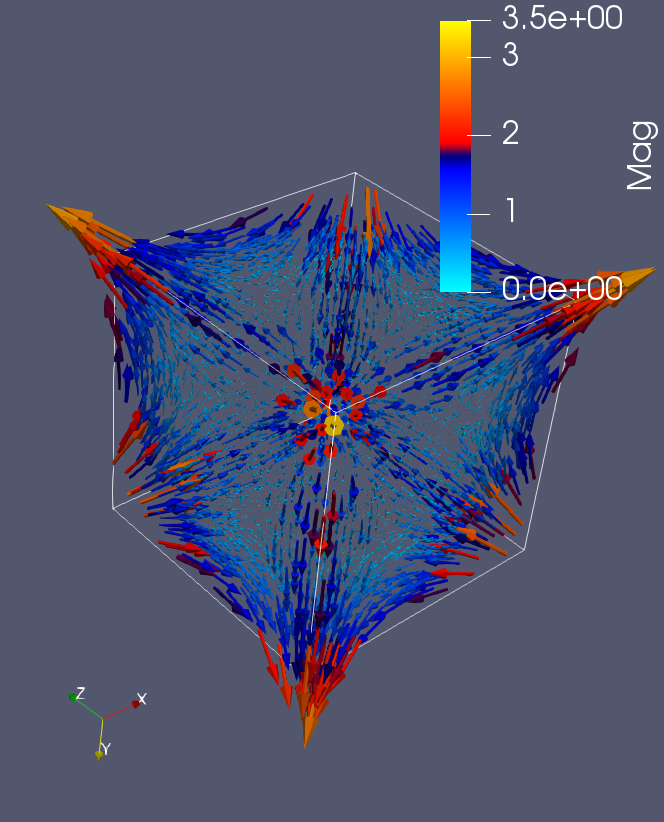
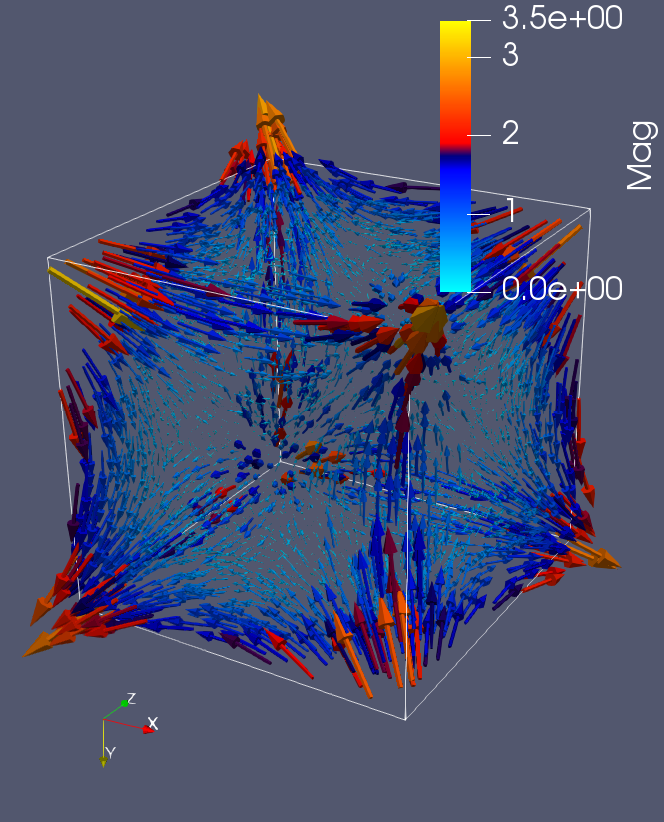
Nicholas Skinner

CS 453

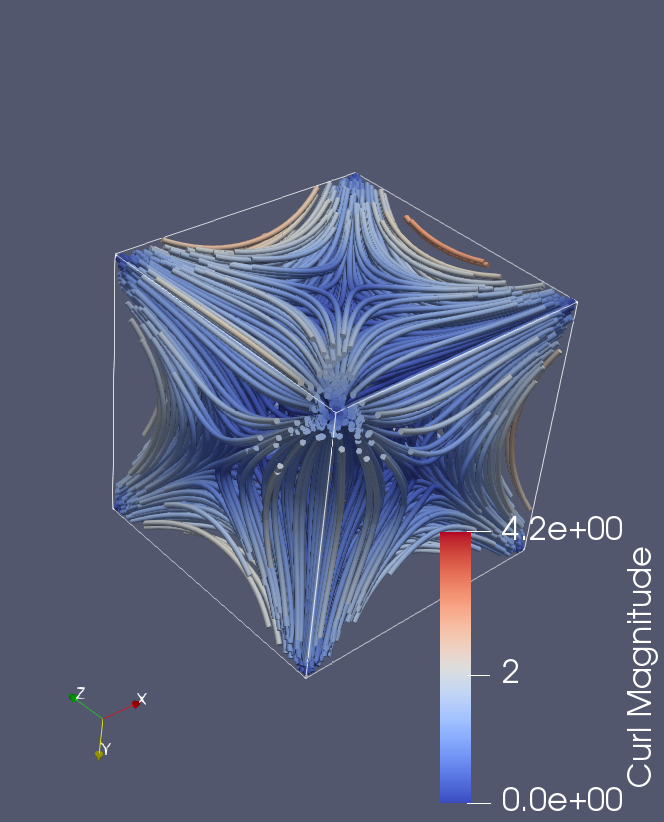
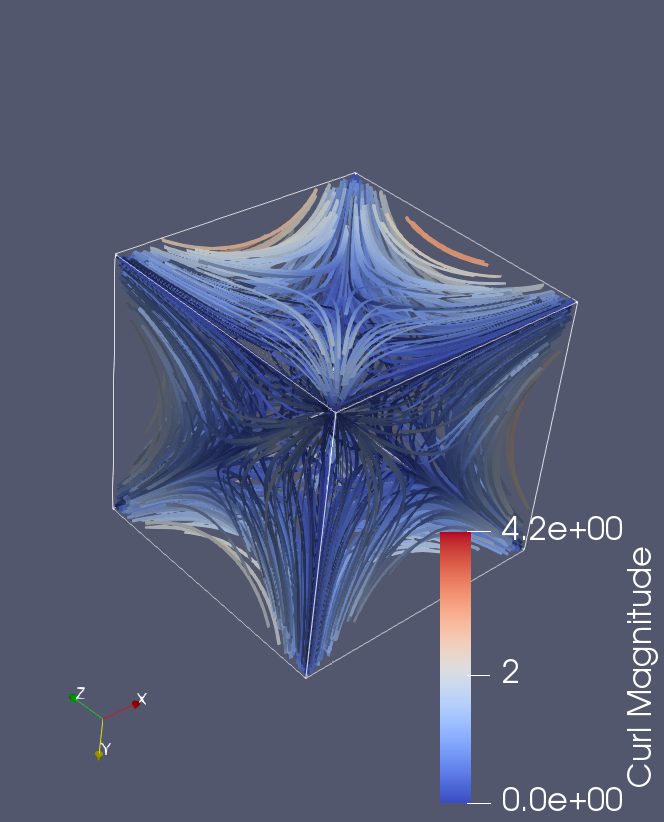
Spring 2019

**Project #6: ParaView Vector Visualization**

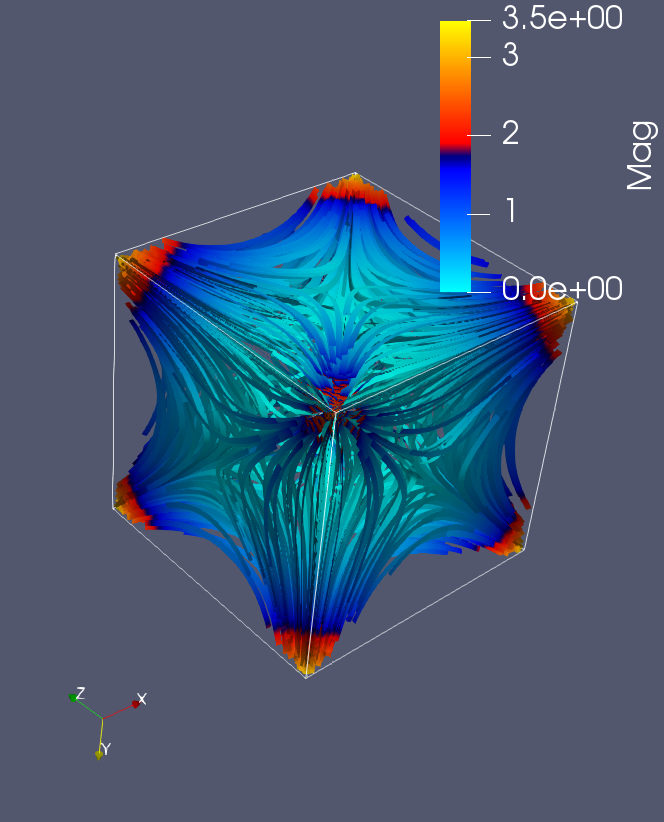
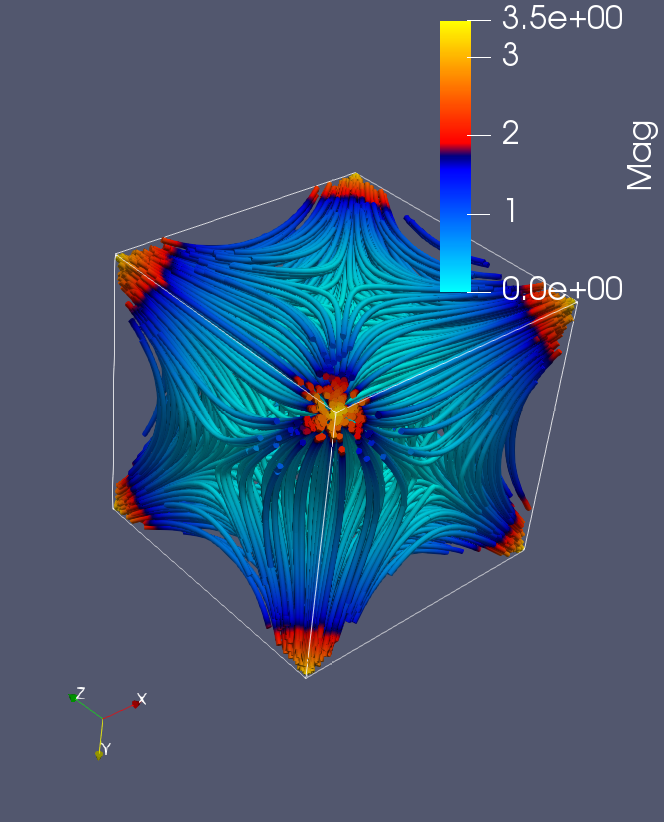
**Arrows: Colored by magnitude.**



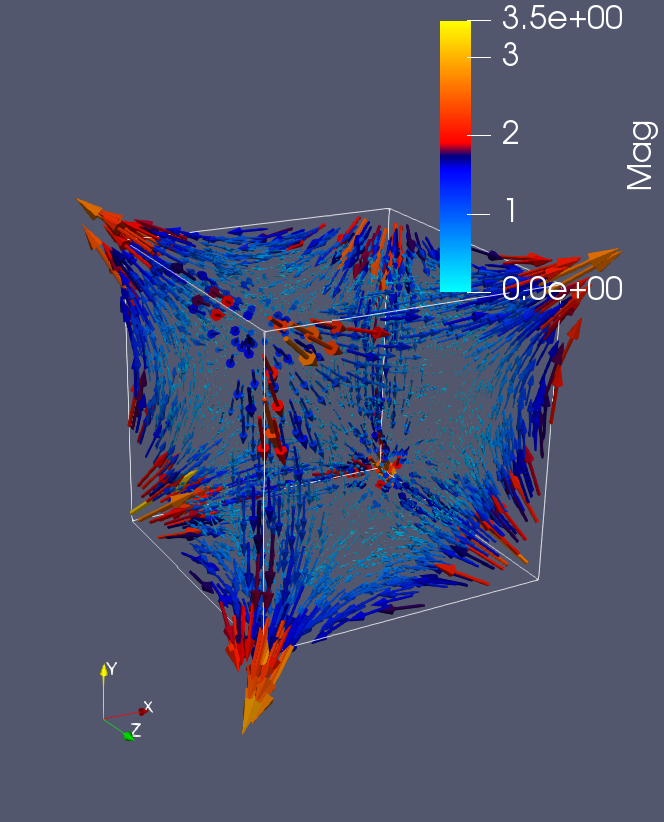
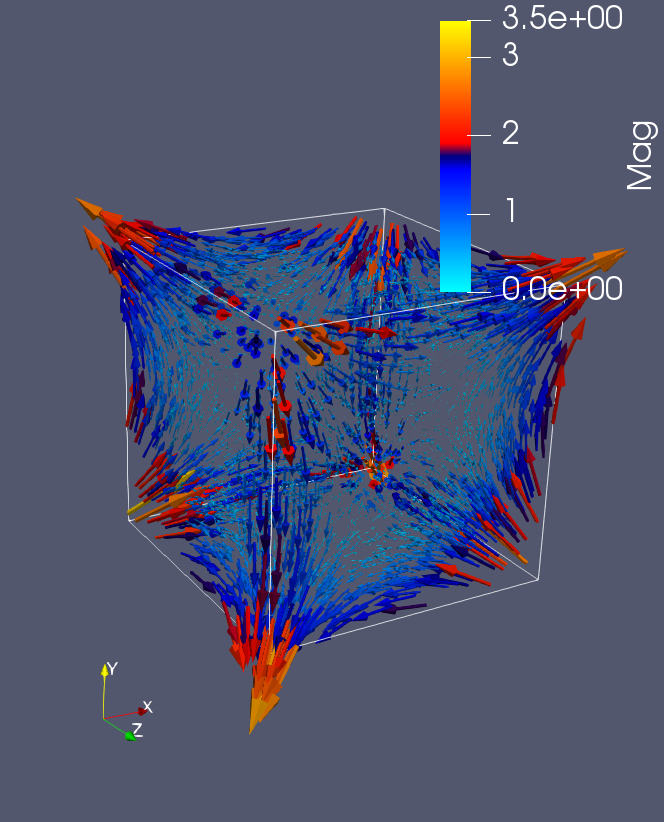
**Stream Ribbon and Tube: colored by Curl**

****

**Just for fun: Ribbons and tubes with magnitude coloring**

****

**Extra Credit: Left and right eye arrows:**

****

**Transfer Function:** I just used the base blue to red, it easily illustrates the differences between low and high, and is very easily differentiable. I do think I should modify it slightly though to incorporate more in between low and high readings.

**Video Link:** [**https://media.oregonstate.edu/media/0\_dxn6kh3x**](https://media.oregonstate.edu/media/0_dxn6kh3x)