

1116-76-645

Susan Friedlander* (susanfri@usc.edu), Math Dept, USC, Los Angeles, CA 90089, and
Anthony Suen (acksuen@ied.edu.hk). *An active scalar model for the Earth's fluid core.*

We discuss the mathematical properties of a three dimensional active scalar equation which was proposed by Moffatt and Loper as a model for geostrophic turbulence and the geodynamo processes in the Earth's fluid core. (Received September 09, 2015)