1145-76-224 **Karoline Disser*** (`kdisser@mathematik.tu-darmstadt.de`), Fachbereich Mathematik, Schlossgartenstr. 7, 64289 Darmstadt, Germany. *Analysis of fluids with non-smooth viscosities.*

We consider fluid models with a viscosity parameter that may be time-, space- and/or velocity-dependent. In particular, we look at cases in which the dependence is non-smooth. (Received August 22, 2018)