

1085-76-231

Mihaela Ignatova, Gautam Iyer, James P Kelliher* (kelliher@math.ucr.edu), **Robert L Pego** and **Arghir D Zarnescu**. *Some recent results for two extended Navier-Stokes systems.*

We discuss recent results on the well-posedness of two extended Navier-Stokes equations. These results build on the earlier works of Liu, Liu, and Pego and Pego, Iyer, and Zarnescu. (Received September 10, 2012)