

1096-35-2638

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**Tuffaha.** *On the well-posedness of an interface damped free boundary fluid-structure model.*

We address a fluid-structure system which consists of the incompressible Navier-Stokes equations and a damped linear wave equation defined on two dynamic domains. The equations are coupled through transmission boundary conditions and additional boundary stabilization effects imposed on the free moving interface separating the two domains. We provide a priori estimates for local existence and uniqueness of solutions and establish global existence for small initial data. (Received September 17, 2013)