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M. C. Lopes and **A. L. Mazzucato***, Mathematics Department, McAllister Building, University Park, PA 16802, and **H. J. Nussenzveig-Lopes** and **M. E. Taylor**. *Vorticity concentration for 2D circularly symmetric flows in the presence of moving boundaries.*

We discuss concentration of vorticity at the boundary in the zero-viscosity limit for 2D circularly symmetric flows when boundaries rotate at rough angular velocity. We show in particular the formation of a vortex sheet at the boundary in the limit. (Received February 12, 2008)