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Hyunju Kwon* (hkwon@ias.edu). *Higher derivatives of suitable weak solutions of the hypodissipative Navier-Stokes equations.*

I'll consider the hypo-dissipative version of the Navier-Stokes equations (i.e., the dissipation is given as a fractional Laplacian $(-\Delta)^s$ for $s < 1$), and discuss higher derivative estimates for suitable Leray-Hopf weak solutions. This is joint work with Wojciech S. Ożański. (Received August 31, 2020)