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Yong Yang* (yytamu@math.tamu.edu). *Time analyticity with higher norm estimates for the 2D Navier-Stokes equations.*

I will talk about two main results which are contained in our accepted paper (<http://arxiv.org/abs/1312.0929>). The first result is that if 0 is in the global attractor then the attractor is in a special function class, which can be derived after we obtain higher norm estimates. The second result is one property about this new function class that is named as "one=all" law. (Received February 07, 2014)