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# Bounds on Kolmogorov Spectra for the Navier-Stokes Equations

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## **Abstract**

A dynamical systems argument is at the heart of the proof of a new estimate on weak solutions to the Navier-Stokes equations on  $\mathbb{R}^d$  or  $\mathbb{T}^d$ . This estimate gives nontrivial bounds on the Kolmogorov spectrum of solutions.

*This is joint work with A. Biryuk.*