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**Non-universal features of forced 2D turbulence in the energy and enstrophy ranges.** (English)

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Summary: Analysis of energy spectra and fluxes of 2D forced incompressible turbulence in the energy range reveals marked departures from the  $-5/3$  law and the idea of spectral locality. Departures from the locality could also be diagnosed in the enstrophy interval, and in the energy range of beta-plane turbulence.

**MSC:**

[76F02](#) Fundamentals of turbulence

[60G60](#) Random fields

Cited in **1** Document

**Full Text:** [DOI](#)