Multifractal Analysis of Taylor-Couette Flow with Hourglass Geometry in both Laminar and Turbulent Regimes

ADAM KOWALSKI, THOMAS OLSEN, Lewis & Clark College, Portland, OR, RICHARD WIENER, Pacific University, Forest Grove, OR — Previously we have presented Correlation Dimension and Kaplan-Yorke Dimension analyses of the irregular generation of new Taylor Vortex Pairs in both laminar and turbulent Taylor-Couette flow with hourglass geometry could be characterized as low dimensional chaos. We now present a multifractal analysis of the same data. We comment on the additional insights into the physical process provided.

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