



Figure 4: For a six-dimensional truncation of the Charney–DeVore model, time series of the first coordinate z_1 (top), which features several episodes of “blocked” flow; and the absolute value of the inner product between the first OTD mode computed by direct time integration (u_1^{num}) and learned from data by the neural network (u_1^{deep}). The 50 training points are equally spaced in the interval $1000 \leq t \leq 1120$.

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