Nonlinear Processes
in Geophysics
Discussions

Interactive comment on "Nonlinear feedback in a six-dimensional Lorenz Model: impact of an additional heating term" *by* B.-W. Shen

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Received and published: 30 September 2015

Thanks for your valuable comments. We have cited the paper and added the following sentences in the revised manuscript. " Using a 3D non-dissipative Lorenz model, which is shown to be a conservative system, we discussed the collective and competing impact of the nonlinear feedback loop and heating term on the energy cycle with four different regimes (e.g., Shen 2014b). We will further analyze the energy cycle in the higher-order dissipative or non dissipative Lorenz models using the same approach and compare the results with those using a different approach (e.g., Pelino et al., 2014). "

Interactive comment on Nonlin. Processes Geophys. Discuss., 2, 475, 2015.