



Interactive
Comment

Interactive comment on “A method to calculate Finite-Time Lyapunov Exponents for inertial particles in incompressible flows” by D. Garaboa and V. Pérez-Mu nuzuri

Anonymous Referee #1

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The paper describes a new method for calculating Finite Time Lyapunov Exponents taking into account the initial velocities of the particles. As the paper convincingly argues, dispersion of particles is quite dependent on initial velocities and hence they should be accounted.

The paper is clear and well written in general (except for the abuse of Saxon genitive). The evidence is convincing and well-presented. Sole objection: taking into account that the method is illustrated on theoretical flows, it would be interesting to present the theoretical results of the calculation for the actual eigenvalues, if the calculus is feasible.

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Therefore the paper seems acceptable in its present form to me.

Interactive comment on Nonlin. Processes Geophys. Discuss., 2, 989, 2015.

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