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# ***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***

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We thank the referee for his/her positive comments. An analytical expression of the eigenvalues for the Cauchy deformation tensor it is feasible to obtain using a Computer Algebra System but the solutions are not easy to handle (4th order polynomial with lots of terms). Some further approximations could be done to simplify the eigenvalue equations but they do not add new information to the numerical simulations shown in the paper. On the other hand, we have also revised the text to avoid the abuse of Saxon genitive.

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

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