Interactive comment on “Parametric resonance in the dynamics of an elliptic vortex in a periodically strained environment” by Konstantin V. Koshel and Eugene A. Ryzhov

Anonymous Referee #1

Received and published: 4 October 2016

this paper is interesting, well designed and well written; it should be published

I have only technical remarks which should be taken into account before the paper is printed

page 3 lines 24-26 repeat exactly the previous sentence at lines 23-24 - they should be suppressed

page 4 line 15 there is A POSSIBLE MANIFESTATION of parametric instability

page 5 line 17 in the parametric space

page 6 lines 2, 4, 13 : linear system (6) – between parentheses
page 6 line 6: prevail AGAINST the linear unbounded motion.

page 8 line 8: STEADY (a Y is missing) STATE ELLIPTIC POINT UNDER PERTURBA-

TION

page 8 line 10: in the NONLINEAR system in question.

page 8 lines 23-24: please put the references between parentheses