

## ***Interactive comment on “Analysis of stochastic model for non-linear volcanic dynamics” by D. Alexandrov et al.***

**D. Alexandrov et al.**

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Dear Prof.C. Michaut, We re-calculated dynamics of the deterministic model for other values of plug mass. This model exhibits qualitatively close oscillations with practically the same amplitudes of  $u$  and  $p$ , but mean value of  $p$  changes monotonically with change of plug mass. Your remark is interesting, but full analysis is a subject of another paper.

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Interactive comment on Nonlin. Processes Geophys. Discuss., 1, 1735, 2014.