



Interactive
Comment

Interactive comment on “Reversal in the nonlocal large-scale $\alpha\Omega$ -dynamo” by L. K. Feschenko and G. M. Vodinchar

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I think that the problem of the magnetic field inversion under the action of random fluctuations is correctly solved in this paper within the frame of the considered model. In general, the work is carried out at an appropriate level of mathematical modeling. It is clear that if the dynamic equilibrium system get unbalance due to intense random shocks, it either after a brief excursion come back to its original state, or goes into a new equilibrium state Another question is how well such a simple model describes the real inversion of the geomagnetic field. This model can be applied to any dynamic equilibrium systems. It seems to me, that the similar works were carried out already by other authors for more complex geodynamo models. It would be interesting if the authors compared their results with those obtained in previous works by follow authors:

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Interactive Discussion

Discussion Paper



M.Yu. Reshetnyak, Frank Strfani, A. Giesecke, G. Rudiger

Please also note the supplement to this comment:

<http://www.nonlin-processes-geophys-discuss.net/1/C931/2015/npgd-1-C931-2015-supplement.pdf>

Interactive comment on Nonlin. Processes Geophys. Discuss., 1, 1715, 2014.

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