

Interactive comment on “Spatial analysis of oil reservoirs using DFA of geophysical data” by R. A. Ribeiro et al.

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I think the following references are missing: Lovejoy and Schertzer, Scaling and multifractal fields in the solid earth and topography, Nonlin. Proc. Geophysics 14, 465-502, 2007. Dashtian et al., Scaling, multifractality and long-range correlations in well log data of large scale porous media, Physica A 390, 2096-2111, 2011.

Furthermore, DFA is popular but this method is not a generalization of Hurst analysis; it is only another method, very similar to structure functions. In this paper a Fourier power spectrum is missing, in order to detect precisely the scaling properties of the data, as well as the larger and small scales limits of the scaling range.

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