

**Abramov, Rafail V.; Majda, Andrew J.**

**Blended response algorithms for linear fluctuation-dissipation for complex nonlinear dynamical systems.** (English) [Zbl 1134.37365](#)

Nonlinearity 20, No. 12, 2793-2821 (2007).

**MSC:**

**37N10** Dynamical systems in fluid mechanics, oceanography and meteorology

**76F20** Dynamical systems approach to turbulence

**86A05** Hydrology, hydrography, oceanography

**86A10** Meteorology and atmospheric physics

**82C05** Classical dynamic and nonequilibrium statistical mechanics (general)

**37M05** Simulation of dynamical systems

Cited in **1** Review  
Cited in **47** Documents

**Keywords:**

turbulence; chaos; numerical simulation; theory of Sinai-Ruelle-Bowen probability measures; equilibrium state; chaotic fractal attractors; stability; forcing; dissipation; large-scale features; long-term climate change projection

**Full Text:** [DOI](#)