

**Title:**

**Atmospheric Turbulence Parameterization Considering Intermittency**

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**Abstract:** (Your abstract must use **Normal style** and must fit in this box. Your abstract should be no longer than 300 words. The box will 'expand' over 2 pages as you add text/diagrams into it.)

The concept of intermittency has been applied to generalize Kolmogorov's hypothesis on turbulence. Formulation for eddy diffusivities is derived using a generalized Kolmogorov's spectral equation for energy and the Taylor's statistical theory on turbulence. The intermittency is modeled by a multifractal approach.