

## عنوان مقاله:

Well-posedness and analyticity for the viscous primitive equations of geophysics in critical Fourier-Besov-Morrey Spaces with variable exponents

## محل انتشار:

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## خلاصه مقاله:

In this paper, we establish the global well-posedness result of the viscous primitive equations of geophysics in the critical Fourier-Besov-Morrey space with variable exponents  $\mathcal{F}_{p(\cdot),k(\cdot),q}^{2-\frac{3}{p(\cdot)}}(\mathbb{R}^3)$ , when the initial data are small and Pankov number  $P=1$ , we also show the Gevrey class regularity of the solution.

## کلمات کلیدی:

Fourier-Besov-Morrey spaces with variable exponents, viscous primitive equations of geophysics, global well-posedness, Gevrey class regularity

## لینک ثابت مقاله در پایگاه سیویلیکا:

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