# عنوان مقاله:

Existence of multiple solutions for nonlinear fractional SchrÖdinger-Poisson system involving new fractional operator

#### محل انتشار:

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#### خلاصه مقاله:

In this paper, we prove the existence of multiple solutions in the Bessel Potential space for a new class of nonlinear fractional Schrödinger-Poisson systems involving the distributional Riesz fractional derivative. To reach our goal, we use the symmetric mountain pass theorem under some suitable assumptions .(on nonlinearity f(x,u) and potential V(x)

## كلمات كليدى:

Fractional Schr**Ö**dinger-Poisson system, Symmetric mountain pass theorem, Palais-Smale condition, Distributional Riesz fractional derivative, Bessel potential space

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