SEMINÁRIO DE EQUAÇÕES DIFERENCIAIS

On a class of nonlinear Schrödinger-Poisson-Slater equations

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Abstract: We will deal with a class of nonlinear Schrödinger-Poisson-Slater equations, discuss their variational formulation, and highlight the role of some new critical exponents which arise in the study of useful compactness properties. This is a joint work with Vitaly Moroz (Swansea University) and Jean Van Schaftingen (UCL-Louvan la Neuve).