

Título: Orbital Stability of Periodic Waves for the Klein-Gordon-Schrodinger System

Resumo: This talk deals with the existence and orbital stability of a two-parameter family of periodic traveling-wave solutions for the Klein-Gordon-Schrodinger system. The existence of such a family of periodic waves is deduced from the Implicit Function Theorem, and the orbital stability is obtained from arguments due to Benjamin, Bona, and Weinstein.