

Effective descriptions of interacting Bose gases

mardi 10 octobre 2023 09:00 (1 heure)

Since the first realization of a Bose-Einstein condensate in a laboratory in 1995, low-temperature Bose gases have been studied from many different perspectives. In this talk, I will give a basic introduction into the mathematical description of an interacting Bose gas and explain the concept of effective evolution equations.

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