The onset of interference effects during the formation of Bose Einstein condensate

Juan J. López-Velázquez

Dpto. Matemática Aplicada, Univ. Complutense, Madrid jj.velazquez@mat.ucm.es

Resumen

We present the derivation of the equation of the boundary layer which describes in detail the transition of the distribution function of a gas of weakly interacting bosons to the distribution function of the gas in presence of a Bose Einstein condensate.