



Mathematics and CS Seminar

Validity of Bogoliubov's approximation for translation-invariant Bose gases

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In this talk we will discuss Bogoliubov's approximation for translation-invariant Bose gases in the mean field regime. In the first part we will show that there exist low energy states satisfying complete Bose-Einstein condensation (BEC), which we believe to be of independent interest. In the second part, if time permits, we will verify Bogoliubov's approximation for such states using Fock space methods.

Thursday, November 11, 2021 04:15pm - 05:15pm

Mondi 2 (I01.01.008), Central Building



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.