

Bose Gases — Results and Methods

mardi 10 octobre 2023 10:30 (1 heure)

I will begin by discussing the significant results concerning Bose Gases, tracing their origins back to Albert Einstein's groundbreaking work on ideal gases in 1924. Our exploration will also emphasize the theoretical underpinnings and methodologies involved, such as the introduction of the one-particle density matrix by Roger Penrose and Lars Onsager in 1956, along with the utilization of the Fock space formalism. Finally, I will provide an overview of ongoing research and the unresolved questions in this field.

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