

THE BOSE—EINSTEIN CORRELATIONS
FROM THE VIEWPOINT OF QUANTUM
FIELD THEORY

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S u m m a r y

Using a specific version of thermal Quantum Field Theory (QFT), supplemented by operator-field evolution of the Langevin type, we discuss two issues concerning the Bose—Einstein correlations (BEC): the origin of different possible coherent behaviour of the emitting source and the origin of the observed shape of the BEC function $C_2(Q)$. We demonstrate that the previous conjectures in this matter obtained by other approaches are confirmed and have received a complementary explanation.