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Erratum: Revealing quantum effects in bosonic Josephson junctions: a multi-configuration atomic coherent state approach

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KEYWORDS

bosonic Josephson junction, atomic coherent state, variational principle, time-dependent Schrödinger equation, multiconfiguration ansatz

An Erratum on

[Revealing quantum effects in bosonic Josephson junctions: a multi-configuration atomic coherent state approach](#)

by Qiao Y and Grossmann F (2023). *Front. Phys.* 11:1221614. doi: 10.3389/fphy.2023.1221614

Due to a production error, part of Eq. (5) was omitted. The correct Equation appears below:

$$|\alpha_j(t)\rangle = e^{-|\alpha_j(t)|^2/2} e^{\alpha_j(t)a_j^\dagger} |0\rangle \quad (5)$$

Due to an author error, the incorrect sub-section was referenced in **3 Beyond mean-field dynamics, 3.1 Equations of motion**, Paragraph 3. Instead of **Section 5.1** it should be **Section 5.2**.

The publisher apologizes for these mistakes. The original version of this article has been updated.