Erratum: Bouncing motion and penetration dynamics in multicomponent Bose-Einstein condensates [Phys. Rev. A **93, 033615 (2016)]**

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The values of the interspecies scattering length $a_{1,2}$ and the degree of miscibility Δ_a between $|1, -1\rangle$ and $|1, 0\rangle$ in Table I and Fig. 2 are incorrect. The correct values should be $a_{1,2} = 100.40a_0$ [1,2] and $\Delta_a = -0.0023$. Due to this correction, the ground state for $|1, -1\rangle$ and $|1, 0\rangle$ is changed from weakly immiscible to weakly miscible. Even though this change is made, our claim “observation of the mutual penetration for immiscible condensates” remains unaltered since the mutual penetration for immiscible condensates is observed in the three-component system as shown in Fig. 6 and numerically confirmed as shown in Fig. 4. Therefore, the corrections do not affect the conclusions of the paper.

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