

**Erratum: Measure of nonlocality which is maximal for maximally entangled qutrits
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There is a missing term in Eq. (4). It should read

$$I_3 = P(A_1 = B_1) + P(B_1 = A_2 + 1) + P(A_2 = B_2) + P(B_2 = A_1) \\ - P(A_1 = B_1 - 1) - P(B_1 = A_2) - P(B_2 = A_1 - 1) - P(A_2 = B_2 - 1) \leq 2. \quad (4)$$

There is a wrong sign in Eq. (6) and the normalizing factor is missing. Its correct form is

$$|\Psi'\rangle = \frac{1}{3\sqrt{2 + \gamma^2}} \sum_{j,k,l=0}^2 \alpha_j e^{i[\phi_a(j) + \phi_b(j)]} e^{i\frac{2\pi}{3} j(k-l)} |k l\rangle. \quad (6)$$

To obtain all the results presented in the article, we have employed the correct equations.