Erratum: Quantum Games and Quantum Strategies
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We report two typographic sign errors in the Letter: The operator $\hat{J}$ should be defined as $\hat{J} = \exp(-i\gamma\hat{D} \otimes \hat{D}/2)$ instead of $\hat{J} = \exp(i\gamma\hat{D} \otimes \hat{D}/2)$. This sign error is of no relevance to all conclusions, except to the payoffs as a response to what is called the “miracle move” $\hat{M} = \hat{U}(\pi/2, \pi/2)$: With this sign change, the payoffs as given at the end of the Letter and depicted in Fig. 4 are correctly reproduced. What is more,

$$\hat{M} = \hat{U}(\pi/2, \pi/2) = \frac{1}{\sqrt{2}} \begin{pmatrix} i & -1 \\ 1 & -i \end{pmatrix}. \quad (1)$$

That is, the definition of $\hat{M}$ on the left-hand side of Eq. (8) is correct, but the signs on the right-hand side should be altered. All other conclusions remain unchanged.