Erratum: Nature of the $K_2^+$ (1430), $K_1^+$ (1780), $K_2^*$ (2045), $K_2^*$ (2380), and $K_6^*$ as $K^–$–multi-$\rho$ states

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There is a mistake in Eq. (6); therefore, it must be replaced by

$$
T = \left(\frac{1}{2} \otimes \frac{1}{\sqrt{3}} ((1, -1) + (-1, 1) - (0, 0))\right) t_{Ab_1} + t_{Ab_2} \left(\frac{1}{2} \otimes \frac{1}{\sqrt{3}} ((1, -1) + (-1, 1) - (0, 0))\right)
$$

$$
= \frac{1}{3} \left(\left(\frac{3}{2} \cdot \frac{3}{2} \cdot -1\right) + \frac{1}{\sqrt{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot -1\right) - \sqrt{\frac{2}{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot 0\right) - \frac{1}{\sqrt{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot 0\right)\right) t_{Ab_1} \left(\left(\frac{3}{2} \cdot \frac{3}{2} \cdot -1\right) + \frac{1}{\sqrt{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot -1\right) - \sqrt{\frac{2}{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot 0\right) - \frac{1}{\sqrt{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot 0\right)\right) + \frac{1}{3} \sqrt{\frac{2}{3}} \left(\frac{3}{2} \cdot \frac{3}{2} \cdot 1\right) \right)
$$

which implies that Eq. (7) is now

$$
t_{\rho K^*} = \frac{1}{3} (2^{|l-3/2|} + i^{l-1/2}).
$$

This mistake changes the masses in the results in the last two columns of Table II of the original paper, which must be replaced by Table I of the present erratum.

In Fig. 4 of the original paper, the changes in the positions of the peaks are in accordance with the changes in Table I, and the strengths change a little bit but are not relevant to the conclusions of the paper.

The fact that the generated resonances have large widths and that the change in the masses due to the mistake is within the accepted theoretical uncertainties mean that the conclusions of the work are unaffected.

### Table I. Results for the masses of the dynamically generated states. (All units are MeV.)

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>$K_2^+$ (1430)</td>
<td>$\rho K^*$</td>
<td>1429 ± 1.4</td>
<td>...</td>
<td>1430</td>
</tr>
<tr>
<td>$K_1^+$ (1780)</td>
<td>$K^* f_2$</td>
<td>1776 ± 7</td>
<td>1933</td>
<td>1852</td>
</tr>
<tr>
<td>$K_2^*$ (2045)</td>
<td>$f_2 K_2^*$</td>
<td>2045 ± 9</td>
<td>2470</td>
<td>2176</td>
</tr>
<tr>
<td>$K_2^*$ (2380)</td>
<td>$K^* f_4$</td>
<td>2382 ± 14 ± 19</td>
<td>2739</td>
<td>2500</td>
</tr>
<tr>
<td>$K_6^*$</td>
<td>$f_2 K_1^* K_2^* f_4$</td>
<td>...</td>
<td>3073–3315</td>
<td>2698–2767</td>
</tr>
</tbody>
</table>