

$$\left\{ \overset{\cdot}{\pi}^{\cdot -} \phi_{bi}, \overset{\cdot}{\sigma}^{\cdot +} \phi_{ja} \right\} \approx \left\{ -\frac{\overset{\cdot}{\pi}^{\cdot -} \pi_{ja}^{\cdot +}}{g^2}, 0, 0 \right\}$$