

## Wave operator and propagator

$$\begin{array}{c}
\begin{array}{c} \#1 \\ 0^+ \hbar + \end{array} \quad \begin{array}{c} \#2 \\ 0^+ \hbar + \end{array} \quad \begin{array}{c} \#1 \\ 0^+ \hbar + \end{array} \\
\begin{array}{|c|c|c|} \hline \frac{3}{4} \sqrt{3} \alpha \beta & 0 & 0 \\ \hline 0 & 0 & 0 \\ \hline \frac{1}{4} (-2\sqrt{3} \alpha + 2 \beta) \kappa^2 & 0 & 0 \\ \hline \end{array}
\end{array}
\quad
\begin{array}{c}
\begin{array}{c} \#1 \\ 0^+ \tau + \end{array} \quad \begin{array}{c} \#2 \\ 0^+ \tau + \end{array} \quad \begin{array}{c} \#1 \\ 0^+ \tau + \end{array} \\
\begin{array}{|c|c|c|} \hline \frac{54 \alpha \beta}{\alpha \beta \kappa} & 0 & \frac{6 \sqrt{3}}{\beta \kappa} \\ \hline 0 & 0 & 0 \\ \hline \frac{6 \sqrt{3}}{\beta \kappa} & 0 & \frac{2}{\beta \kappa} \\ \hline \end{array}
\end{array}
\quad
\begin{array}{c}
\begin{array}{c} \#1 \\ 0^+ \hbar + \end{array} \quad \begin{array}{c} \#2 \\ 0^+ \hbar + \end{array} \quad \begin{array}{c} \#1 \\ 0^+ \hbar + \end{array} \\
\begin{array}{|c|c|c|} \hline \frac{8}{\alpha \beta \kappa} & & \\ \hline \end{array}
\end{array}$$

## Unitarity conditions