

$$\begin{array}{|c|c|c|}
 \hline
 k; \sigma; 1 & & k'; \sigma'; 4 \\
 \hline
 & G_{\sigma\sigma';1234}^{qkk'} & \\
 \hline
 k - q; \sigma; 2 & & k' - q; \sigma'; 3 \\
 \hline
 \end{array}
 = -
 \begin{array}{|c|c|c|}
 \hline
 k' - q; \sigma'; 3 & & k'; \sigma'; 4 \\
 \hline
 & G_{\sigma'\sigma;3214}^{(k'-k)(k'-q)k'} & \\
 \hline
 k - q; \sigma; 2 & & k; \sigma; 1 \\
 \hline
 \end{array}$$