

$$\begin{array}{c}
\Gamma_{i-1} \quad \Gamma_i \quad \Gamma_{i+1} \\
\hline
\begin{array}{c}
\longrightarrow \\
\downarrow \quad \longrightarrow \quad \downarrow \\
\rho \quad \mathcal{F} \quad \rho
\end{array}
\end{array}
=
\sum_{\Gamma'_i \in \Gamma_i \otimes \mathcal{F}}
\frac{
\left(F_{\Gamma_{i-1}}^{\rho \mathcal{F} \Gamma_i} \right)_{\rho \Gamma'_i}
\left(F_{\Gamma_{i+1}}^{\Gamma_i \mathcal{F} \rho^*} \right)_{\rho^* \Gamma'_i}
}{
}
\begin{array}{c}
\Gamma_{i-1} \quad \Gamma'_i \quad \Gamma_{i+1} \\
\hline
\begin{array}{c}
\longrightarrow \\
\downarrow \quad \longrightarrow \quad \downarrow \\
\rho \quad \quad \quad \rho
\end{array}
\end{array}$$