

$$E(M_L, E(E(M^T, L(M^T, X_F(S^T, M^T))), L(M^L, X_F(S^S, M^L))))$$

$$E(E(M^T, L(M^T, X_F(S^T, M^T))), L(M^L, X_F(S^S, M^L)))$$

$$\begin{matrix} w_1 \\ w_2 \\ w_3 \end{matrix} \left(\begin{matrix} f_{T1} & f_{T2} & f_{T3} \\ E(M^T, L(M^T, X_F(S^T, M^T))) \end{matrix} \right) \parallel \begin{matrix} w_1 \\ w_2 \\ w_3 \end{matrix} \left(\begin{matrix} f_{L1} & f_{L2} & f_{L3} \\ L(M^L, X_F(S^S, M^L)) \end{matrix} \right) =$$

$$\begin{matrix} w_1 \\ w_2 \\ w_3 \end{matrix} \left(\begin{matrix} f_{L1} f_{L2} f_{L3} & f_{L1} f_{L2} f_{L3} \\ E(E(M^T, L(M^T, X_F(S^T, M^T))), L(M^L, X_F(S^S, M^L))) \end{matrix} \right)$$