

Topology	Current	Simplified current
$S \rightarrow [S_1 S_2]$	$S_1 S_2$	
$S \rightarrow [V S_1]^{L=1}$	$L^\mu V_\mu S_1$	
$S \rightarrow [V_1 V_2]^{L=0}$	$g_{\mu\nu} V_1^\mu V_2^\nu$	
$S \rightarrow [V_1 V_2]^{L=1}$	$\varepsilon_{\mu\nu\alpha\beta} P_S^\mu L^\nu V_1^\alpha V_2^\beta$	$\varepsilon_{\mu\nu\alpha\beta} P_S^\mu Q_S^\nu V_1^\alpha V_2^\beta$
$S \rightarrow [V_1 V_2]^{L=2}$	$L_{\mu\nu} V_1^\mu V_2^\nu$	
$S \rightarrow [T S_1]^{L=2}$	$L_{\mu\nu} T^{\mu\nu} S_1$	
$S \rightarrow [T V]^{L=1}$	$L^\mu T_{\mu\nu} V^\nu$	
$S \rightarrow [T V]^{L=2}$	$L^{\mu\nu} \varepsilon_{\nu\alpha\beta\gamma} P_S^\alpha T_\mu^\beta V^\gamma$	$\varepsilon_{\nu\alpha\beta\gamma} P_S^\alpha Q_S^\nu L_\mu T^{\beta\mu} V^\gamma$
$S \rightarrow [T_1 T_2]^{L=0}$	$T_1^{\mu\nu} T_{2\mu\nu}$	
$V_\mu \rightarrow [S_1 S_2]^{L=1}$	$S_{\mu\nu} L^\nu S_1 S_2$	$L_\mu S_1 S_2$
$V_\mu \rightarrow [V_1 S]^{L=0}$	$S_{\mu\nu} V_1^\nu S$	
$V_\mu \rightarrow [V_1 S]^{L=1}$	$S_{\mu\nu} \varepsilon^{\nu\alpha\beta\gamma} P_{V\alpha} L_\beta V_{1\gamma} S$	$-\varepsilon_{\mu\alpha\beta\gamma} P_V^\alpha Q_V^\beta V_1^\gamma S$
$V_\mu \rightarrow [V_1 S]^{L=2}$	$S_{\mu\nu} L^\nu V_{1\alpha} S$	$L_{\mu\alpha} V_1^\alpha S$
$V_\mu \rightarrow [T S]^{L=1}$	$S_{\mu\nu} L_\alpha T^{\nu\alpha}$	
$V_\mu \rightarrow [T S]^{L=2}$	$S_{\mu\nu} \varepsilon^{\nu\alpha\beta\gamma} P_{V\alpha} L_\beta^\eta T_{\gamma\eta} S$	$-\varepsilon_{\mu\alpha\beta\gamma} P_V^\alpha Q_V^\beta T^{\gamma\eta} L_\eta$
$V_\mu \rightarrow [T V_1]^{L=0}$	$S_{\mu\nu} T^{\nu\alpha} V_{1\alpha}$	
$T_{\mu\nu} \rightarrow [S_1 S_2]^{L=2}$	$S_{\mu\nu\alpha\beta} L^{\alpha\beta} S_1 S_2$	$L_{\mu\nu} S_1 S_2$
$T_{\mu\nu} \rightarrow [V S]^{L=1}$	$S_{\mu\nu\alpha\beta} L_1^\alpha V^\beta S$	$\left(\frac{1}{2}(L_\mu S_{\nu\beta} + S_{\mu\beta} L_\nu) - \frac{1}{3} S_{\mu\nu} L_\beta\right) V^\beta$
$T_{\mu\nu} \rightarrow [V S]^{L=2}$	$S_{\mu\nu\alpha\beta} \varepsilon^{\alpha\gamma\eta\lambda} P_{T\gamma} L_{2\eta}^\beta V^\lambda S$	$-\frac{1}{2}(\varepsilon_{\mu\gamma\eta\lambda} L_\nu + \varepsilon_{\nu\gamma\eta\lambda} L_\mu) P_T^\gamma Q_T^\eta V^\lambda$
$T_{\mu\nu} \rightarrow [T_1 S]$	$S_{\mu\nu\alpha\beta} T_1^{\alpha\beta}$	