one can introduce response function → not realistic
To separate them

$$\eta_{\mu\nu} W^{\mu\nu} \propto \Big[v_L R_L + v_T R_T + v_{TT} R_{TT} \cos 2\phi_N + $$
$$+ v_{TL} R_{TL} \cos\phi_N \pm \left[v_{T'} R_{T'} + v_{TL'} R_{TL'} \cos\phi_N \right] \Big]$$

- $R_L = \left| \langle J^0 \rangle - \frac{\omega}{q} \langle J^3 \rangle \right|^2$
- $R_T = \left| \langle J^+ \rangle \right|^2 + \left| \langle J^- \rangle \right|^2$

$R_{TT} \cos 2\phi_N = 2\,\mathrm{Re} \left\{ \langle J^+ \rangle^* \langle J^- \rangle \right\}$

$R_{TL} \cos\phi_N = -2\,\mathrm{Re} \left\{ \left[\langle J^0 \rangle - \frac{\omega}{q} \langle J^3 \rangle \right] \left[\langle J^+ \rangle - \langle J^- \rangle \right]^* \right\}$

- $R_{T'} = | J^+ |^2 - | J^- |^2$

$R_{TL'} \cos\phi_N = -2\,\mathrm{Re} \left\{ \left[\langle J^0 \rangle - \frac{\omega}{q} \langle J^3 \rangle \right] \left[\langle J^+ \rangle + \langle J^- \rangle \right]^* \right\}$

both J^0 and J^3 enter because weak (axial) current is not conserved

spherical basis $\hat{e}_0 = \hat{e}_z = \hat{q}$, $\vec{e}_\pm = \mp \frac{1}{\sqrt{2}} (\hat{e}_x \pm i \hat{e}_y)$