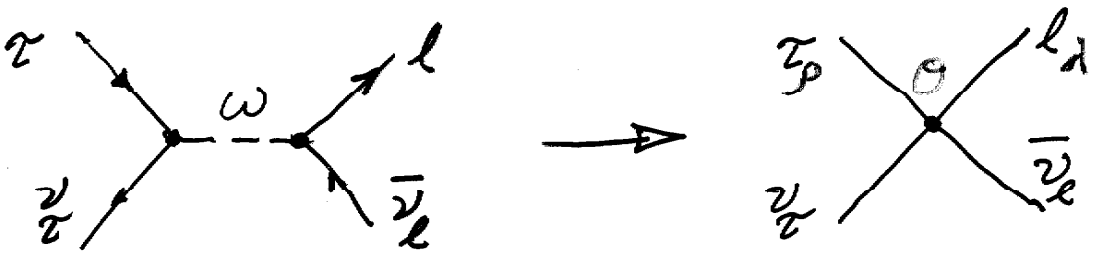
Special Case - Purely Leptonic ($\tau^- \to \ell \bar{\nu}_\ell \nu_\tau$)



- ten couplings $g^{\mathcal{O}}_{\rho\lambda}$: $\mathcal{O} = S, V, T$; $\rho, \lambda = L, R$
- SM $\Rightarrow$ $g^V_{LL} = 1$; others $= 0$
- four Michel params "easily" measured

ρ: done

η : "low energy parameter"
: needs improvement
: BaBar & Belle each can do ± 0.05
: CLEO-c also can achieve ± 0.05

ξ & δ : Known reasonably well
: constrain τ to participate as "L"

- still way behind μ measurements