

Conventions

$$\begin{array}{ccc}
 \underbrace{R_{\kappa\nu\mu}{}^\lambda}_{\text{Wald}} & = & -\underbrace{R^\lambda{}_{\mu\nu\kappa}}_{\text{Weinberg}} \\
 \underbrace{R_{\mu\lambda\kappa}{}^\lambda}_{\text{Wald}} & = & R_{\mu\kappa} \qquad \underbrace{R^\lambda{}_{\mu\lambda\kappa}}_{\text{Weinberg}} = R_{\mu\kappa} \\
 \underbrace{R^\lambda{}_{\mu\lambda\kappa}}_{\text{Weinberg}} & = & R_{\mu\kappa} = -\underbrace{R_{\kappa\mu\lambda}{}^\lambda}_{\text{Wald}}
 \end{array}$$