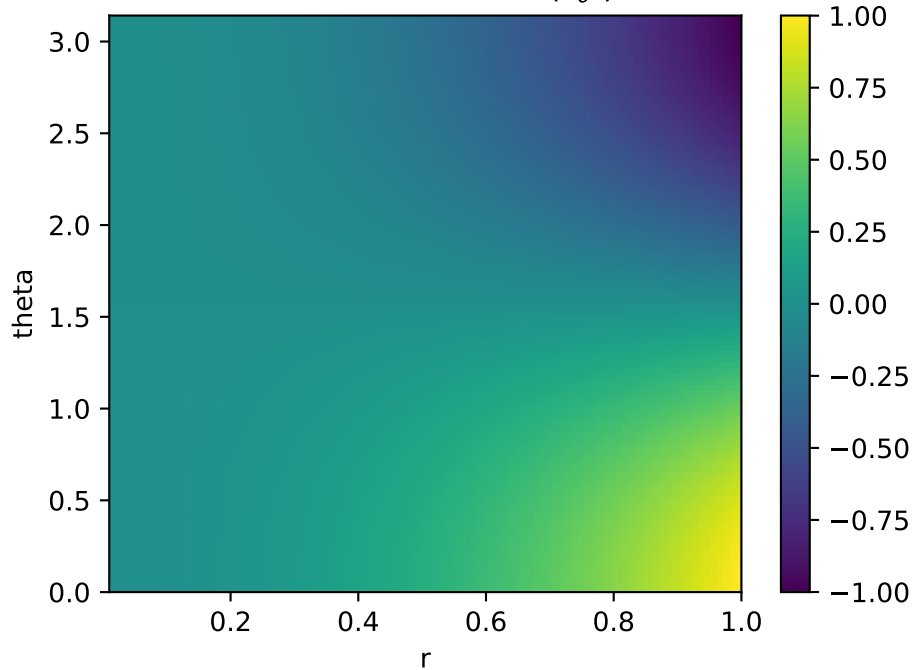


Covariant Gradient ( $\partial_\theta f$ )Contravariant Gradient ( $r^{-2} \partial_\theta f$ )