

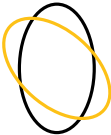
— R_Φ



$$\Phi^\top R_\Phi^{-1} \Phi$$

Gram-Schmidt

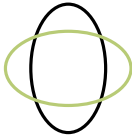
— R_Ω



$$\Omega^\top R_\Omega^{-1} \Omega$$

axis-aligned

— R_Ψ



$$(\Psi^\star)^\top R_\Psi^{-1} \Psi^\star$$