Given: θ , Γ , Γ $V = r U_r + r \theta U_\theta$ $Q = r \theta^2 U_r + 2r \theta U_\theta + r \theta^2 U_\theta - r \theta^2 U_r$ $Q = -r \theta^2 U_r + 2r \theta U_\theta$ $| Q = -r \theta^2 U_r + 2r \theta U_\theta$ $| Q = -r \theta^2 U_r + 2r \theta^2 U_\theta$ $| Q = -r \theta^2 U_r + 2r \theta^2 U_\theta$ $| Q = -r \theta^2 U_r + 2r \theta^2 U_\theta$ $| Q = -r \theta^2 U_r + 2r \theta^2 U_\theta$