$$E_{rr} = -\frac{12G}{r^5} Q \left(3\cos^2(\theta) - 1\right) \tag{5}$$

$$E_{r\theta} = -\frac{24G}{r^5} Q \sin(\theta)\cos(\theta) \tag{6}$$

$$E_{\theta\theta} = \frac{3G}{r^5} Q \left(-\sin^2(\theta) + 6\cos^2(\theta) - 2\right) \tag{7}$$