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

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

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$$E_{r\theta} = -\frac{24GQ}{r^5} \sin(\theta) \cos(\theta)$$

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

$$(5)$$

$$(6)$$

$$(7)$$