

For a continuous charge distribution

$$E = \int RdI$$

$$V^{2}$$

$$E_{x} = \int RdY \sec^{2}\theta \cdot d\theta \cos^{2}\theta \cdot \cos\theta$$

$$V^{2}$$

$$E_{x} = \int RdY \sec^{2}\theta \cdot d\theta \cos^{2}\theta \cdot \cos\theta$$

$$V^{2}$$

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$$V^{2}$$

$$E_{x} = \int Rd \cos\theta \cdot d\theta$$

$$V^{2}$$

$$= Rd \int \cos\theta \cdot d\theta$$

$$= Rd \int \cos$$

$$E_{Y} = -1$$

$$4\pi E_{0}$$

$$Y$$

0-18] m2 55

Sha y

(e 2556 6 -de (Cme