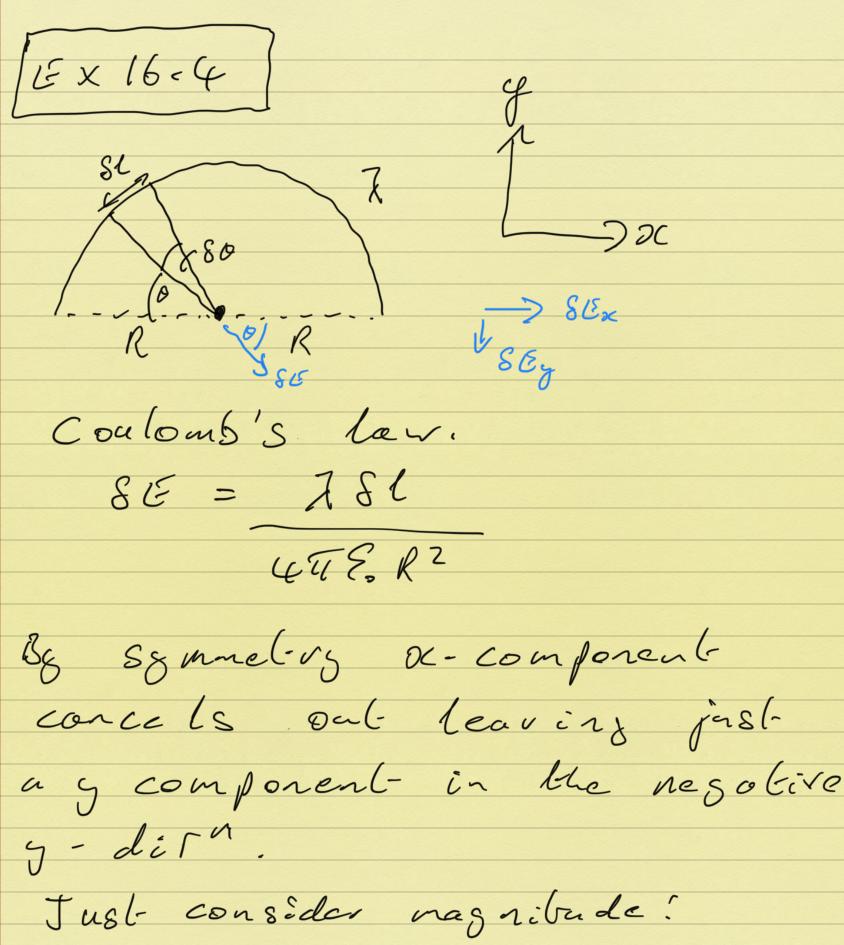
(Continued) d, CTC d2 $(r) n_2 \qquad E = \frac{\rho_0}{3\xi_0} \left(R_2^3 - R_0^3 \right) \frac{1}{r}$ $V = -\frac{l_0}{32_0} \left(R_2^3 - R_1^3\right) \int dr$ $-\frac{lo\left(\mathcal{U}_{2}^{3}-\mathcal{R}_{1}^{3}\right)\ln r}{3\xi_{2}}$



8 Eg = 781 sin 0 475, N2

5) SLZR80

$$8E_{3} = \frac{780}{4\pi \xi_{s}R}$$

$$|E| = \frac{7}{4\pi \xi_{s}R} \int_{0}^{\pi} \sin \theta d\theta$$

$$= \frac{7}{4\pi \xi_{s}R} \left[-\cos \theta \right]_{0}^{\pi}$$

$$= \frac{7}{4\pi \xi_{s}R} \times 2 = \frac{7}{2\pi \xi_{s}R}$$

$$|E| = -\frac{7}{2\pi \xi_{s}R} \cdot \frac{9}{2\pi \xi_{s}R}$$







