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given by Coulomb's law: $F = k \frac{q_1 q_2}{r^2} \hat{r}$ (2.2.1) where k_e is the Coulomb constant, and \hat{r} is a unit

vector directed from to , as illustrated in Figure 2.2.1(a). q_1 q_2 (a)

(b)

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d) Maxwell theory. View Answer. Answer: a. Explanation:

Coulomb law is applied to static charges. It states that force

between any two point charges is proportional to the product of

the charges and inversely proportional to square of the distance

between them. Thus it is employed in electrostatics.

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