COULOMB'S LAW

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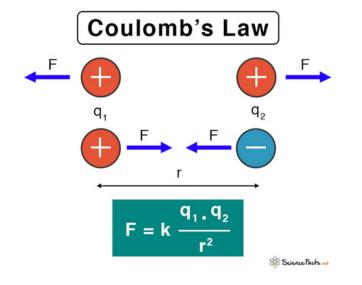
ABSTRACT

We examine the theoretical and experimental foundations of Coulomb's Law and talk about its many applications not only in electrodynamics but also in quantum physics, cosmology, thermodynamics, and electromagnetic fields. Coulomb's Law is one of the most useful scientific tools known because of its many uses. In practically every branch of physics, its fundamental importance is apparent.

THEORETICAL BACKGROUND

Coulomb's law, or Coulomb's inverse square law, is a power law that imposes the electrostatic factor between electrically charged air and states that:

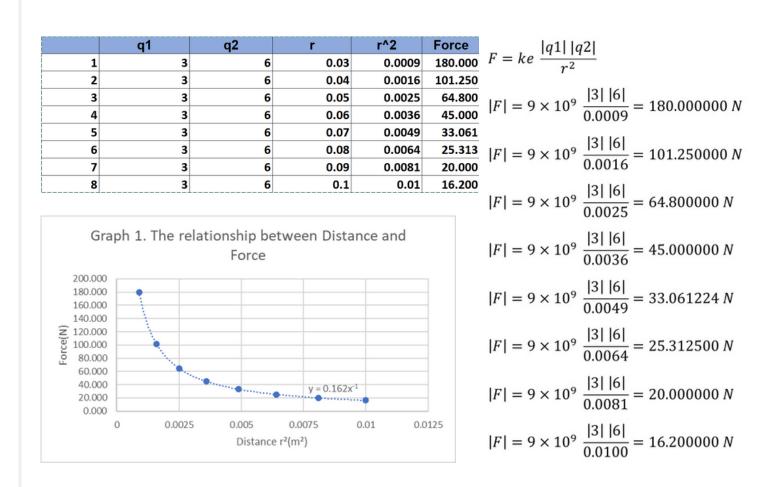
"The force of attraction or repulsion between two charges in a temporarylocation is the same as the absolute value of how their charges reach, and inversely with the square of the distance apart."



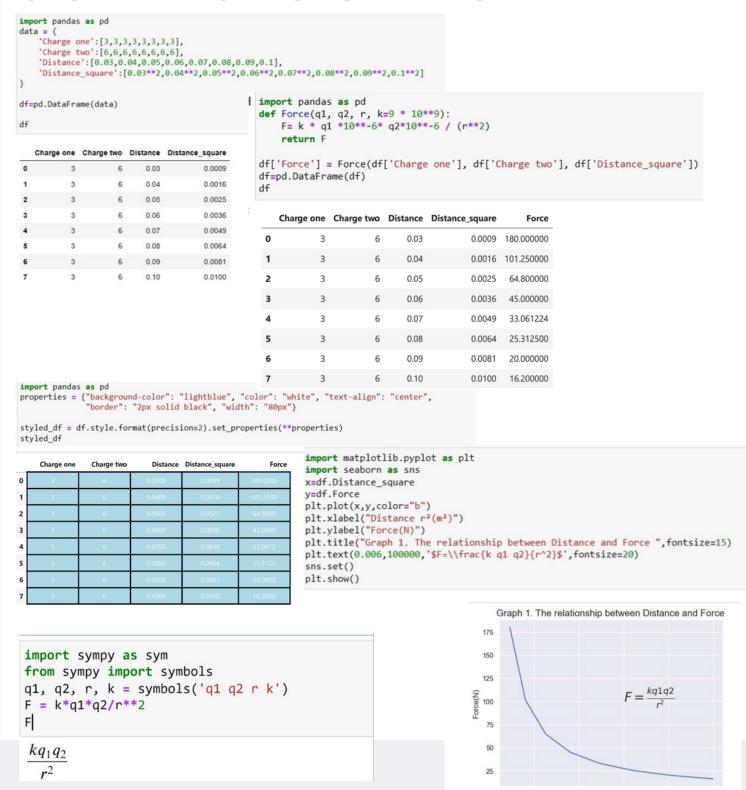
OBJECTIVE

The primary goal is to write a python code that enables us to calculate Coulomb's law, which expresses the force between two bodies that act as point charges.

DATA&CURVE



CODE & OUTPUT



REFERENCES

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