

Electrodynamics

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1 VECTORS ANALYSIS

1.1 Introduction

Before we start we need to define what is a vector, tensor and scalar?

1.2 Vector Algebra

Example 1.1: Consider a two charges $+q$ and $-q$ separated by a distance r . The force between them is given as

Solution: Hello world.



Exercise 1.1: Show that there doesn't exist any equilibrium point between the two charges.