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CAUSE OF ATTRACTION AND REPULSION

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ABSTRACT

This paper is designed to solve one of the fundamental problems that is the "cause of attraction and repulsion" in nature. The idea behind to solve this unsolved mystery from decades gives rise to several other ideas like existence of new type of forces of varying strength hence also indicate the presence of different type of matter corresponding to these forces.

KEYWORDS: Attraction, matter.

INTRODUCTION

Forces are the center point of curiosity of humans from last so many years. The calculation of values of forces gives rise to many important relationships in the form of formula. Another important issue is the type of forces that may be attractive or repulsive depending upon the situation. The higher order behavior in the form of attraction and repulsion can be visualized in nature. There are lots of existing theories that attempt to explain this fact but the exactness and compatibility in generic mode does not exist. The attempt to make vision more realistic involves the deep understanding of nature and natural facts [1]. Let take example of gravitational force that works for masses and gives a formulation to calculate the force.

$$F = G * m1 * m2 / r^2$$

This is the relationship observed by researcher working in the field of physics. This provides us the strong observation in order to conclude our objective for this paper. Similarly the forces are being calculated in other domains like in case of electrical charges [1].

$$F = k * q1 * q2 / r^2$$

The observations of this nature in different domain can be observed in order to find out the cause of these forces secondly our motto is to find the underlying theory for attraction and repulsion [2]. If we analyze the organism their also exist the sense of attraction and repulsion, that is obviously occurs in different manner and form, clustering example can be one view to see this situation but to make our vision clear on this issue the understanding of this is to be done properly.

Clustering Example

Proposed hypothesis

According to the proposed hypothesis, it is being formulated that mass less particles exchange occurs in all the substances further there exists two categories in it first one that have higher tendency to absorb mass less particle one that have higher tendency to emit mass less particles. Now there are following points that came into existence-

The types of forces determined by the strength of forces and the objects on which it is to be measured.

Figure 1 Mass less particle exchange

1. The factors that determine the attraction and repulsion are due to mass less particle absorber and mass less particle emitter.
2. The evolution of objects determines their nature.
3. There will exist matter that will have different kind of forces among them.

Case Study

Now we will consider case based on the hypothesis. The first question that is to be answered is that we analyze the organism their also exist the sense of attraction and repulsion, Why it happens? Is there exist same theory?

1. There happens the exchange of mass less particles among masses of different nature but in case of organisms the attraction and repulsion is a higher order behavior that is due to the neuron training of brain and the cause of clustering due to various similar/different parameters create the answer for this aspect of attraction or repulsion.

The second question that is to be answered is that why force exist among masses.

1. The answer of this question according of given hypothesis explains that it is due to the exchange of mass less particles and the strength or weakness of forces depend on the rate of exchange of mass less particles.

The third question that is to be answered is that why attraction exist.

1. It is due to the mass less particle absorber and mass less particle emitter. For example consider the case of negative and positive charge they will attract, because one of them is mass less particle absorber and another one is mass less particle emitter and in case of repulsion the both particles will be either mass less emitter or mass less absorber. The rate of exchange of mass less particles depends on the nature of material or substance due to which a magnet and wooden block do not attract or repel them like iron because of their different evolution automatically the rate of exchange shifts itself. The mathematical analysis of this fact in will be a milestone in theoretical Physics.

The fourth question that is to be answered is that how mass less particle emitter and mass less particle absorber have this behavior.

1. It is determined by the evolution of any matter the phylogeny analysis may give rise to the steps of evolution that will explain the need during evolution that make the scenario possible for existence.

The fifth question that is to be answered is that how there will exist matter that will have different kind of forces among them. This prediction for further occurrence is because there can be different rate of exchange for mass less particles and the un stability of their form on this planet frame can be the cause of not occurring here or there may be chances of our ignorance.

CONCLUSION
The study of Forces and their analysis is the source of motivation for humans from last so many years. In this paper various aspects regarding the issue of attraction and repulsion are discussed and a hypothesis is made in order to put in one step to enhance our understanding. This study will be helpful for those working in this particular dimension.

ACKNOWLEDGEMENT

REFERENCES
1. www.wikipedia.com
2. "Theory of forces", L. Kaur, M. Kaur, S. chand publication