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Unification Framework

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I. INTRODUCTION

We all come across various types of events in our daily lives. Sometimes, we wonder that how these events take place. These events as defined by quantum mechanics are just probabilities and a result of Quantum Eraser Effect. According to it, events have infinitely many possibilities but when an observer starts observing, these possibilities collapse into an observable single reality. In this framework, these events are described as a set of possibilities coexisting in a metaphysical mathematical probabilistic domain. It may solve the contradiction between quantum mechanics and relativity.

II. BRIEFING

The core of this framework is that all events exist together in a mathematical domain. In this way, we can also determine the value of infinity as a meta-variable and that will be Potential Infinity.
This framework is governed by two fundamental principles:-

1. Infinity as Meta-Variable:-

   In this approach, infinity can be expressed as a meta-variable in which all values coexist. And this meta-variable belongs to a mathematical domain in which it exists.

   Mathematically,

$\infty = \{1, 2, 3, -4, 1/2, 3.14\ldots\} \in M$

2. All events coexist in a mathematical probabilistic domain

Let us take an example from our daily lives. We eat breakfast, we do our chores, we socialize with our friends, we eat dinner, we drink water and then at last, we fall asleep and these events collectively make what we call a 'day'. Similarly in this way, we can put a set of events in a domain. For example, let's say that you ate breakfast, you did your chores, you drank water, you talked to your friends and then you fell asleep – these events belong to a day and by keeping this analogy in mind, we can infer that day is like that domain which is made up of several small events. In mathematical terms,
{Breakfast, Dinner, Chores, Sleep} ∈ Day
In this way, we can describe all events mathematically as,
$\{E1, E2, E3, E4, E5\ldots\} \in D_{event}$

B.1. REAL – LIFE PROBLEMS THAT CAN BE SOLVED BY THIS FRAMEWORK

There are several real life problems that can be solved by this framework:-

1. Mapping of quantum computers

Possibilities in quantum computers can be mapped by this framework because in every quantum computer, quantum bits exist in superposition and it directly means – endless possibilities.
It can be mapped by this framework in this way,
$\{1,0,1,0,0,0,1,0,0,1,1,1,0,0\ldots\} \in D_{quantcomp}$

2. Mapping future mutations in organisms and creating a model that can predict future mutations

   By this framework, we can also simulate mutations in an organism too in this way,

   $\{M1, M2, M3, M4, M5\ldots\} \in D_{mutation}$

3. Determining possible relationship between Quantum mechanics and Relativity

   By this framework, we can also conclude that each kind of quantum behavior of an object coexist in a domain of quantum probabilities.
   In mathematical terms,

$\{QB_i\} \in D_{quantum}$

And similarly we can also expand it to relativity,

$\{RB_i\} \in D_{rel}$

Because the quantum behavior of an object is inversely proportional to the relativistic behavior of the same object,

$\{QB_i\} \propto \{RB_i\}$

III. TERMINOLOGY

E_i = Type of Event
D_{event} = Mathematical domain in which all events coexist.
$D_{qauntcomp}$ = Mathematical domain of quantum computing
M_i = Mutation
$D_{mutation}$ = Mathematical domain in which all mutations coexist in a particular pattern
QB_i = A particular type of quantum behavior of an object
$D_{qauntum}$ = A mathematical domain in which all possible quantum behaviors of an object coexist
RB_i = A particular type of relativistic behavior of an object
D_{rel} = Domain in which these relativistic behaviors coexist
M = Meta-variable

IV. CONCLUSION

In conclusion, we can organize events into a domain based on those particular types of events. An event is just a particular type of probability which is interconnected to another event and together, these events form a mathematical domain in which they coexist. In this way, infinity is a meta variable that contains all kinds of values and such type of infinity is called 'Potential Infinity'. This framework can be used to predict future patterns too like in simulations, we can predict future behaviors of a simulated object by this framework. In simple words, this framework can be used to predict future patterns and a possible relationship between Quantum Physics and Relativity.

REFERENCES

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