Fundamental Elementary Particles Quark with Bosons as Inner Dynamics and Time of Manifestation Based On Surya- Siddhanta

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Abstract
An atom is made of protons, neutrons and electrons. Protons are made of quarks. So are neutrons and electrons. 10 long syllable [1] contains 10 quarks or (100 bosons).
Here, we will see details about quarks and bosons based on [1] [3].
Also, we will see an atoms frequency reaching18712080864000000 seconds per second (final constant to complete a cycle).
Keywords: Rotation, Galaxy, Surya Siddhanta, Quark, Boson, time of manifestation.

I. Introduction

According to [2], quarks are made of bosons, bosons are made of fermions and fermions are made of solitons. Two solitons make a fermion (a half spin), two fermions make a boson (an integer spin). Quarks are made of bosons.

In this article we will consider quarks and bosons.

Calculation for 10 long syllables starts with 10 quarks ends with one day.
Calculation for Bhaskaras Siddhanta Chiromani [1] starts with 100 bosons and ends with one day.
That is 10 quarks is equal to 100 bosons.

Any cycle reaching frequency of 18712080864000000 seconds per second is complete.

II. 10 long syllable contains 10 quarks:

Table A:
Divisions of sidereal time (this is real as it starts with respiration):
10 long syllables (gurvakshara) = 1 respiration (prana, period of 4 seconds) = 10 quarks = 100 bosons;
6 respiration =1 vinadi (period of 24 sec) = 60 quarks =600 bosons;
60 vinadis= =1 Nadi (period of 24 minutes) = 3600 quarks =36000 bosons =144 seconds = 360 respiration;
60 nadis =1 day= 216000 quarks = 2160000 bosons = 86400 seconds = 21600 respiration.
From this we can see that 21600 respiration= 86400 seconds,
216000 quarks = 86400 seconds,
2160000 bosons = 86400 seconds.
This shows a good relationship between respiration and number of quarks and number of bosons.
Here, the number of quarks and Bosons provides details for systematic development of Galaxy for further studies.
In this article, I am concentrating on relating the 10 long syllables and Bhaskaras Siddhanta Chiromani. Also, emphasis will be on relating quarks and Bosons as they are the fundamental particles having relation with each other.
We will also see the relationship between them based on time of manifestation.

III. Time of manifestation

In the following table, 100 atoms (truti) is considered as 100 bosons (that is 10 quarks of 10 long syllables). The astronomy calculation here is for time of manifestation that is the time of rotation.These minute subdivision form a natural counterpart to the immense periods that will be part of further studies.

To know more about time of manifestation refer [3].
Bhaskaras Siddhanta Chiromani: (This is unreal) **(table B)**
100 atoms (truti) (100 bosons) = 1 speck (tatpara);
30 speck (3000 bosons) = 1 twinkling (nimesha) = 4000 seconds;
18 twinkling's (54000 bosons) = 1 bit (Kashtha) = 72000 seconds;
30 bits (1620000 bosons) = 1 minute (Kala) = 2160000 seconds;
30 minutes (48600000 bosons) = 1 half hour (ghatika) = 64800000 seconds ;
2 half hours (60 minutes) (97200000 bosons) = 1 hour (kshana) = 129600000 seconds;
30 hours (2916000000 bosons) = 1 day = 3888000000 seconds. (*)

Here, we get 2916000000 Bosons = 1 day.

IV. An atom is equal to (1/2916000000)th of a day. [1]
That is 2916000000 atoms (bosons) is equal to 1 day.

(*) proves the above statement and vise versa. And hence the number of bosons in Bhaskaras Siddhanta Chiromani and number of quarks in 10 long syllables.

Iv. Frequency of 2916000000 atoms (bosons) giving 18712080864000000 seconds per second:
Frequency of 100 Bosons in **table B**

$4812778 * 3 = 14438334 * 18$
$= 259890012 * 3$
$= 779670036 * 3$
$= 2339010108 * 2$
$= 4678020216 * 3$
$= 14034060648$
14034060648 is 3/4th of 18712080864
Also, 259890012 is the frequency of asterism of 3rd chart.
Looking at the table B, we can see that Asterism frequency 25989002 is related to 1620000 Bosons that is equal to 2160000 seconds. This provides relationship of 3rd chart asterism, table B and table A (10 long syllables).
If we divide,
$14034060648000000/2916000000 = 4812778$
That is, 100 Bosons = 481277800 seconds.

Also,
$18712080864000000 * 3/4 = 14034060948000000$
259890012 is the value of Asterism in 3rd chart.

Note:
$14034060648000000/43315002 = 324000000$
That is $43315002 * 324000000 = 14034060648000000$
43315002 is 3rd chart sun value and 324000000 is 3rd chart moon value
Now to relate it to 1st chart :
324000000 (moon value 1st chart) is 3/4th of 432000000 1st chart sun value
And 43315002 (sun value 3rd chart) is 3/4th of 57753336 (moon value of 1st chart).
This will help in interconnecting the 1st and 3rd chart. Calculation for both chart are different.
Also this calculation can be the base for understanding human fetus development and double helix DNA strand in human genetics. Retaining the same word and the same meaning, for genetic or nano time scale consideration, we take frequency per atom while for galaxy or macro time scale studies it is frequency per earthly seconds.
To understand the process we can change frequency at each stage like:
$43315002 * 18 = 779670036 * 3$
$= 2339010108 * 3$

= 7017030324 *2
= 14034060648

One more example:
19251112*3
= 57753336*18
= 1039560048*3
= 3118680144*3
= 9356040432*2
= 18712080864

57753336

1925112 *3 = 57753336 *3 **check do with 18**
=173260008 * 2
=346520016 * 3
= 1039560048

4812778 * 3888000000 = 187120808640000000
For reference, I would like to mention that in one of my article [4], I have showed the relation of our planet per day value (converted to seconds) to the 1 chart and 3rd chart frequency values.
The planets here (in galaxy and genetics) are events.
Different relationship to understand how the sun value of 1st and 3rd chart works:
3888/432=9
43315002/4812778=9
43315002*3888=168408727776
168408727776/18712080864=9
4812778*432=2079120096
18712080864/207912009=9

4812778 * 4 =

APPLICATIONS
It can be used in quantum computer and artificial intelligence to understand galaxy.
Here, one can find answers to Human fetus development based on time (time of manifestation)

The following chart is from [3] and will help prove time of manifestation.

Planets	Years
Moon	324,000
Moon apsis	38,328,484
Moon node	80,572,864
Mrecury Conjunction	1,043,209
Venus Conjunction	2,664,637
Sun	43,315,002
Mars	8,146,909
Jupiter	51,375,764
Saturn	127,668,255
Asterism	259,890,012
Universe	18,712,080,864,000,000

Table: chart III Rotation (Time of manifestation)

V.   Conclusion

An atom is made of protons, neutrons and electrons. Protons are made of quarks. So are neutrons and electrons. 10 long syllable [1] contains 10 quarks (100 bosons).
In Bhaskaras Siddhanta Chiromani: 100 atoms (truti) is 100 bosons.

An atom (Boson) is equal to (1/2916000000)th of a day. That is 2916000000 bosons is equal to one day.
2916000000 boson gives 18712080864000000 seconds per second frequency.

References

[1].   Ebenezer Burgess(1860) Ancient book Surya-Siddhanta ISBN 9788183150170, 8183150179
[2].   Bhausaheb Bhosle (2014) Article "Science of Time and the Theory of Everything"
[3].   International Journal of Engineering Research and Development e-ISSN: 2278-067X, p-ISSN: 2278-800X, www.ijerd.com Volume 10, Issue 9 (September 2014), PP.46-53
[4].   Bhausaheb Bhosle(2019) "Science of Time and the Theory of Everything New Edition" ISBN-10: 1674109695 ISBN-13: 978-1674109695