



I KNEW WHERE INFINTY ENDS

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DISCLAIMER

This Book is for deep person related to MATHS and Science to know the limit of the UNIVERSE, Only for that people who realted to this, and abuse report isn't our mistake and this book isn't accurate with chance of 70% chances of correct

This book is full of My theories, if anyone discovers before and I didn't know, it was not my mistake

Introduction

I'm ARPIT SINGH, Current CEO and Founder of VEDAFORT, and I am with you with this book are going in deep of MATHS

WHAT IS MATHS, ever you thought???

Maths is the heart of Science and anylasis Data,
Work of structuring

Solve this (full):

$$22/7 = \underline{\hspace{10cm}}$$

The Py, or $22/7$ which discovered by Aryabhatta, an Indian Mathematician, which discovers 0, the center point of all number in Maths.

In Prehistorical times: The ancient humans count the items, here the first time maths used by Humans

In Ancient Babylonians used 1-60 numbers in maths

And as world grow, that 60 became 60 minutes in a hour and, 60 seconds in a minute.

The Greeks named this type of Number “Mathema”, which is today's MATHS-MATICS or MATHS.

The INDIA contribute is 0, Py, Development of decimal numbers, advancements in trigonometry, Algebra, the concept of negative numbers.

The Construction to Programming to counting to measurement, anywhere, the maths used.

There is a word ‘To Compute’ means Calculate, and here the COMPUTER got its name

The Programming which we do on computer, mostly language are only made for CALCULATING

In 16's the SAILORS need anything to calculate, so the tables written on page, but the humans write it,

a naval disaster happened for the wrong information, so CHARLES BABAGE make world first modern computer for calculating.

And BINARY CODE- 0 and 1 are also a part of maths

The My Theory for Infinty

One day, as a shool project I saw movie- THE MAN WHO KNEWS INFINTY, so I got a new thing about INFINTY from movie

I wondered when I notice- that before
BILLION any number haven't B as starting

But **'UNIVERSE GAVE LIMITS AND UNIVERSE HAVE
LIMIT'** (MAIN TOPIC) (Don't FORGET IT),

Universe gave limit to TIME, LIGHT, ENERGY,
everything, shelf UNIVERSE, but UNIVERSE go
out of its limit, the UNIVERSE ends. So, after
Million, Billion, Trillion, Quatrillion, Pentillion,
hextrillion, Heptillion, Octillion, Nonillion,
Decillions, what next

999,999,999,999,999,999,999,999,999,999,999,
, 999, What next

35 steps to 999 Decillions, Next..... here
number ends, No its GRAHAM NUMBER.....

GRAHAM NUMBERS have Googols (not
GOOGLE), a googol is 1 after 100 zeros,

To calculating GRAHAM NUMBERS, the
 QUANTUM and SUPER COMPUTER makes,
 SUPER COMPUTER have EXPONENT and
 POWERS.....

Means we can calculate over DECILLIONS
 But the UNIVERSE have LIMIT, anything have a
 limit, GOD have ALSO,

NECTAR also have limit, NECTER means the
 liquid which someone drink and became
 IMMORTAL.

So the Graham Number is the end

+999999999999999999999999 Googol times googol

Graham number is end, +1 inverse it into
 NEGATIVE NUMBERS. But How???, AMPLIFY...

[illegible]

0000000000000000 Graham Number but we can't discover it

If PI reach at its limit so the it will be AGAINST MATHS
RULE, specially 7's Table

$$7 \times 1 = 07$$
$$7 \times 2 = 14$$
$$7 \times 3 = 21$$
$$7 \times 4 = 28$$
$$7 \times 5 = 35$$
$$7 \times 6 = 42$$
$$7 \times 7 = 49$$
$$7 \times 8 = 56$$
$$7 \times 9 = 64$$
$$7 \times 10 = 70$$

This is table of 7, so where is end of PI, PI is infinite,
No, The PI is huge as UNIVERSE, and UNIVERSE have
LIMIT, means PI SIZE = Universe Size and when UNIVERSE
END, THE PI ALSO ENDS.....

Its

[illegible]

It means to reach 2, we first cross infinite which is IMPOSSIBLE because

MATHEMATICIANS can't find end, so there are no number, only INFINITE, if there are only infinite so, How 1 possible, because INFINITE isn't any number

INFINITE means $0/0$, and 0 haven't any value.

This is a PARADOX

WHAT IS PARADOX

Paradox is a hard riddle of maths which start at end and end at starts, total CONFUSION QUIZ.

This Paradox I created is-

Uncountable Decimal Paradox

-Arpit Singh

The Solve of PARADOX

1.0000000000(GRAHAM NUMBER)0001

Then 1.0000000000(GRAHAM
NUMBERS)00002

Then 1.0000000000(GRAHAM
NUMBERS)00003

Then 1.0000000000(GRAHAM
NUMBERS)00004 Etc.....

So the tenth is 0

Hundredth is 0

Thousandth is 0

Millionth is 0

Trillionth is 0

Quatrillionth is 0

Pentillionth is 0

Hexatillionth (Sixillion) is 0

Heptillionth (Seventillion) is 0

Octillionth (eightillionth) is 0

Nonillionth (Ninillionth) is 0

Decillion is 0

Googols is 0

Graham Number is 00.....01

So first we find how many number in
GRAHAM NUMBER, is GRAHAM NUMBER
SIZE = PI

GRAHAM NUMBER size = PI Size and PI size
= Universe Size and we didn't knew size of
Universe

This is the concept and THEORY

Means the 2 never came after 1, means no number so no maths

first, where to use DECIMALS

DECIMALS (.) is too IMPORTANT for world

Mostly the tenth

Hundredth

Thousandth

Millionth

Trillionth

Quadrillionth

Pentillionth

Hexatillionth (Sixillion)

Heptillionth (Seventillion)

Octillionth (eightillionth)

Nonalinth (Ninelionth)

Decallion used

So why use DECIMAL in 1, 2, 3, 4

THIS PARADOX for the INFINITE

Time Travel Theory

There is a famous PARADOX- GRANDFATHER PARADOX

Famous PARADOX of TIME TRAVEL created in 1794 and spread and famous in 20th Century

PARADOX-

The grandfather paradox is a thought experiment about time travel that explores the logical inconsistencies that arise when someone travels to the past and alters events, potentially preventing their own existence. The classic scenario involves a time traveler going back and killing their own grandfather before their parent was conceived, which would mean the time traveler would never have been born and thus could not have traveled back to commit the act.

Solve (via THEORY) by me :-)

There are not a single timeline, multiple TIMELINES could be there, so one of them are 1 minutes, 1 second, 1 hours or 1 years.....(more)..... differences, 'via going from LIGHT OF SPEED we can do time travel' – ALBERT EINTISIN, we go in next TIMELINE and kill GRANDFATHER of that TIMELINE, in that TIEMLINE you can't born, but you are alive in YOUR TIMELINE

SOLVED BY THEORY :-)

Multiverse

The concept of the multiverse, specifically the "many-worlds" interpretation of quantum mechanics, is primarily attributed to Hugh Everett III. He proposed this theory in his 1957 PhD dissertation, suggesting that every quantum measurement causes the universe to split into multiple parallel universes, each representing a different possible outcome.

The each TIMELINE can be in each UNIVERSE

The other DIMENSION can be inside in other UNIVERSE

The multiverse theory proposes the existence of multiple universes, possibly an infinite number, beyond our observable universe. These universes, sometimes called parallel universes, may have different physical laws, constants, or even different dimensions. The concept arises from various theoretical physics and cosmological models.

The multiverse is a hypothetical concept proposing the existence of multiple universes, possibly an infinite number, alongside our own. These other universes could have different physical laws, constants, or even entirely different configurations and histories than what we observe in our universe. The idea of a multiverse arises in various scientific and

philosophical contexts, particularly in cosmology and quantum mechanics.

EVIDENCES:-

While there's no definitive, universally accepted "proof" of the multiverse, there are theoretical ideas and some observational hints that suggest its possibility. These hints, primarily from cosmology and quantum mechanics, are compelling enough for many scientists to seriously consider the multiverse concept. However, the lack of direct evidence and the difficulty in testing the concept mean it remains largely speculative.

BUT EVIDENCES WE NOTICED:-

TOP EVIDENCES (or Indications) OF THE MULTIVERSE:

1. Cosmic Microwave Background (CMB) Anomalies

- . The **CMB** is the "afterglow" of the Big Bang, mapped by satellites like **WMAP** and **Planck**.
- . Some "**cold spots**" and **temperature anomalies** in the CMB do **not match predictions** of our standard cosmological model.
- . One idea is that these anomalies might be the result of **collisions between our universe and another universe** in a multiverse.

❓ **Key Anomaly:** The "CMB Cold Spot" — some theorists think it could be the **scar of another universe bumping into ours**.

2. Fine-Tuning of Constants

- . Many constants of nature (e.g., speed of light, gravitational constant, charge of an electron) appear to be **extremely fine-tuned** for life.
 - . The odds of all these constants having life-permitting values by chance are astronomically small.
 - . The **multiverse hypothesis** suggests: there are **infinite universes** with different physical laws, and **we exist in the one that permits life** — a form of **anthropic reasoning**.
-

3. Inflation Theory (Eternal Inflation)

- . The **inflationary model** of the early universe (by Alan Guth) suggests that

after the Big Bang, space underwent rapid expansion.

- According to "**eternal inflation**", inflation never stops everywhere — it creates "bubble universes" that form separate universes with different properties.
- Our universe is just one such bubble in a potentially **endless cosmic foam**.

4. Quantum Mechanics: Many-Worlds Interpretation

- In quantum mechanics, particles exist in **superposition** (multiple states at once), until observed.
- The **Many-Worlds Interpretation** (by Hugh Everett) says: **every quantum**

event causes the universe to split, creating a separate universe for every possible outcome.

- . Every choice you make? A version of you exists in another universe that made a different choice.

5. String Theory & Brane Cosmology

- . **String theory** requires **10 or 11 dimensions** — far more than we observe.
- . These extra dimensions allow for the idea of **multiple branes** (like 3D universes floating in higher-dimensional space).
- . Some models suggest **our universe is a 3D "brane"** in a higher-dimensional

"**bulk**" — and other branes (universes) could exist just beyond our reach.

6. Mathematical Consistency

- . Some multiverse models **naturally arise** from solving mathematical equations of known theories.
 - . For example, the **landscape of string theory** allows **$\sim 10^{1000}$ different possible universes**, each with different laws and particles.
-

7. Black Hole Information Paradox

- . Some theories propose that **black holes might "leak" information** into other universes.
 - . Stephen Hawking and others speculated that **black holes might be gateways or connect to baby universes**.
-

8. Simulation Hypothesis (philosophical but related)

- . If advanced civilizations can simulate universes, and simulations are indistinguishable from real ones, it's possible we live in a **simulated universe** among many.

- . This is not a "true" multiverse in a physical sense, but **a type of multiverse of realities.**
-

● NOTE: No direct evidence yet

Despite all these ideas, **no experiment has directly confirmed** the existence of other universes.

💡 FINAL THOUGHT:

"Absence of evidence is not evidence of absence."

Multiverse is a **plausible extension of known theories**, but **not yet proven.**

:-0 WOW

:-0 Good

:-> Best

Is I'm correct???

I'm didn't know that I'm Accurate, I write these are from multiple resources

I am not accurate, it can be 50% correct

The resources are:-

- 1.The man who knews Infinty
- 2.Google (1%)
- 3.Reddit

4.Vedafort ('Myshelf- Theories, Paradox and concept only (98%) :-)')

5. Youtube (Only 0.005%)

These all Theories, Concept and Infinty Decimal Numbers Paradox are created by Me.

It can be 50% correct

Möbius Paradox

In mathematics, a Möbius strip, Möbius band, or Möbius loop is a surface that can be formed by attaching the ends of a strip of paper together with a half-twist.

The "Möbius strip paradox" refers to the curious properties of a Möbius strip, a one-sided, non-orientable surface with only one edge. It appears to have two sides, but an object traveling along its surface will eventually return to its starting point flipped,

as if it had traveled to the "other side". This leads to the paradoxical situation of a seemingly single surface having two sides, and the inability to consistently define "clockwise" or "counterclockwise" on it.

Solve:

The Möbius paradox refers to the Möbius strip, a one-sided surface with only one edge, which appears paradoxical because it seems to contradict the intuitive understanding of surfaces and edges in everyday objects. It's a fascinating mathematical concept with practical applications in various fields.

IS MOBIUS STRIP is INFINITE

If we cut it, as we cut so it became smaller and smaller (by width), and at last Mobius ends.....

Is we live in 4th Dimension

The Einstein said: The 4D is 'Height x Breath x Length x Time'

So in this dimension, there is time, so we can say that the we live in 4D.

Understand the concept of dimensions.

Dimensions are independent axes used to describe position or events.

We experience three spatial dimensions: length, width, and height.

Recognize time's role as a dimension.

Time is the fourth dimension in the context of spacetime.

It's necessary to describe when an event occurs, in addition to where.

Conclude about our dimensionality. Since our universe requires three spatial dimensions and one temporal dimension for a complete description, we exist within a 4D spacetime.

Yes, we live in a 4D world because our reality is described by three spatial dimensions and one temporal dimension, forming a 4D spacetime continuum.

New Operational Symbol

I created new Symbol for End of Infinty,
named- AMPLIFY

Symbol- $\ast$

Amplify is used for deep Maths and for
INFINTY

Eg:- $2 \ast 2 = 5$

$$2+2=4$$

How many times multiply 2 to get 2= 1 times

$$4+1=5$$

FORMULA of AMPLIFY

For any two real or natural numbers a and b:

$$a * b = (a + b) + R(a, b)$$

Where:

$(a + b)$ is standard addition

$R(a, b)$ is the repetition effect or presence weight of a in the product $a \times b$

In multiplication $a \times b$, how many times does a "appear" or have weight

We Seen in Example

AMPLIFY is mixture of ADDITION and MULTIPLICATION, The Application of a and b result as the 'Hyperform'

SUM word used for $a+b$

DIFFERENCE word is used for $a-b$

PRODUCT word is used for $a \times b$

QUOIENT word is used for $a \div b$

And for $a * b$ is HYPERFORM

But, in END of INFINTY, it used as

999 Graham Number is the End of INFINTY

GRAHAM NUMBER we didn't know how many digit, so we used

*999 Graham Numbers

And when we add $1 + (*999 \text{ Graham Numbers})$

According to AMPLIFY rules:-

$$-* = *$$

$$+* = -$$

$$** = *$$

$$*- = -$$

$$*+ = *$$

So $1 + (*999 \text{ Graham numbers})$ is inverse it

And form -1000 Graham Numbers

Here the INFINITY ends

Where infinity ends, it starts to its STARTING POINT

-1000 Graham Numbers in an NEGATIVE INTEGER, at LHS, when we skip -Googolplex, -googol, after skipping, we reached at 0

And then 1, 2 ,3 4..... $*999$ Graham Numbers

And then inverses at - we add +1

I Hope You understand this CONCEPT

More Easier form here-

General Formula:

$$a * b = (a + b) + \text{Impact}(a \times b, a) \quad a * b = (a + b) + \text{Impact}(a \times b, a)$$

Where $\text{Impact}(\dots)$ returns a value reflecting how **a contributes** to the multiplication — could be 1, 2, etc., or defined further.

▼ Graham Number Edge:

If:

less

$$a * b > *999G \text{ (where } G = \text{Graham's number)}$$

Then:

$a * b$ flips sign $\rightarrow$ Negative dimension

*Beyond this limit, $+ *$ becomes $-$.*

 AMPLIFY is a hybrid of:

- $+$ $\rightarrow$ counting, reality, The Symbol Addition
- $\times$ $\rightarrow$ expansion, replication, The Symbol of Multiply
- $*$ $\rightarrow$ **creation + contribution + weight**

Usage:

Expression	Meaning	Result
$3 * 2$	$(3 + 2) + 1$ (3 appears once in 6)	6
$4 * 1$	$(4 + 1) + 1$ (4 appears once in 4)	6
$2 * 5$	$(2 + 5) + 2$ (2 appears twice in 10)	9

Summary Definition (1 Line):

AMPLIFY (*) is a symbol that means addition, plus the echo of contribution in multiplication.

(The Easier Understanding of AMPLIFY is created by CHATGPT from by My PROMPT.)

-ARPIT SINGH

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