Zaman's giant E[redacted]

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Abstract:

Equations! The one word that can describes everything . It is a real world magic . One can just feel it but can't touch ,can't talk . All equation already exists in nature , but you have to discover it to see it's beauty , it's purity . But this tiny baby like things can also be very harmful .

Like $E=MC^2$. this one equation 2 millimeter in size can destroy the whole nature, you will see some beauty unique series equation that I have discovered throughout this paper . Some ideal series where infinity become friend with finite and become a superposition with finite-Infinite euler series . I am going to dedicate this paper in the fate of my grand-father Mr.Zaman

a successful school teacher in his career and a successful father who told me if I become a professional scientist he will give me his half property as a gift . But I think I deserve his full property !!!!!!

Keywords :

In this paper I use following symbols to clarify the equation.

(1) The symbol (^) represent the power

(2) The letter "Pi" represent the pie symbol !

(3) 'e' represent the euler number

(4) Symbol '' represent the multiplication symbol*

Introduction :

We know two beautiful law about euler number one is called the beautiful equation in math and other is the infinistimal expansion of euler number . from this two basic and beautiful equation we are going to discover anther new equation. . from that equation we will see the nature in mathematical series . .----------

e^i*pie +1 =0 ----(Euler identity ,the beautiful equation in math) - (1)

e^x=1+x+(x^2)/2!

+x^3/3!+x^4/4!+x^5/5!+……

…… {Expansion of euler series) --- (2)

We will at first use equation no:2 and substitute

e^e^e^e^e^e^e^e^-------- groundbreaking infinity e's in the symbol of equation 2 (x) .

Then new series become

e^e^e^e^e^e^----- = 1+e^e^e^e^e^e^e^e^-----

+(e^e^e^e^e^e^e----)^2/2!+ (e^e^e^e^e^e^e--

____)^3/3! +_____(3)

since this are infinity e's we can cancel

e^e^e^e--- from both side .

Then new equation become =>

0=1+(e^e^e^e^e^e^e --)^2/2!+

(e^e^e^e^e^e^e--------)^3/3! + ----------

___(4)

And now we are going to use equation number (1) e^i*pie +1=0 and substitute it in eq(2).

It becomes=>

e^i*pie +1= 1+ (e^e^e^e^e^e^e --)^2/2!+ (e^e^e^e^e^e^e--------)^3/3! + ---------- ____(5)

Now we can cancel '1' from both side it become =>

e^i*pie = (e^e^e^e^e^e----)^2/2!+(e^e^e^e^e^e------)^3/3!---(6)

we then again use equation (2) but in this time we will substitute I*pie in x . it become

e^i*pie=1+i*pie-pie^2/2!+i*pie^3/3!- pie^4/4!+ ..... (continued)

1+i*pie-pie^2/2!+i*pie^3/3!-pie^4/4!+ .....(continued)=

(e^e^e^e^e^e-----)^2/2!+(e^e^e^e^e^e^e-----

-)^3/3!+(e^e^e^e-----)^4/4!+……..

Now we are at the end of inventing this new series , which we call Zaman Complex Function and express it as a symbol ->

Z(C)=

1+i*pie+i*pie^3/3!+i*pie^5/5!+i*pie^7/7!+i*pie^9/9!+i*pie^11/11!+ ---------- =

pie^2/2!+pie^4/4!+pie^6/6!+pie^8/8!+-----+[e^e^e^e^e^e----

-)^2/2!+(e^e^e^e^e^e^e-----

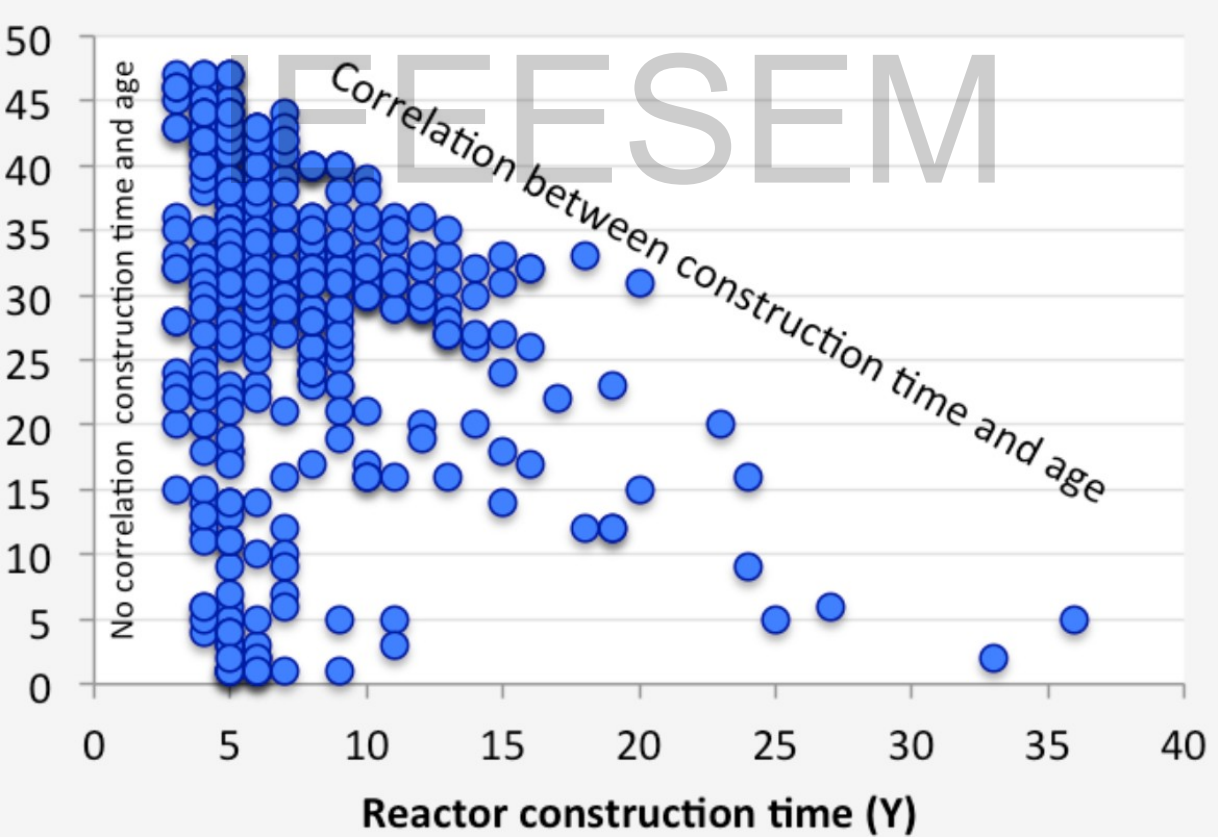
-)^3/3!+(e^e^e^e----

-)^4/4!+(e^e^e^e^e^e^e^e^e^e^e^e...

.....)^5/5!+----------

What a weird think it is !!! It seems that its has infinity times infinity but it can result a finite number also!!!!!!

It has some interesting property also . If we run this in a computer program it seems that



Source : http://euanmearns.com/how-long-does-it-take-to-build-a-nuclear-power-plant/

It is a construction time of a nuclear reactor !!! We can also run in python turtle program It gives the same result !

Resources:

[1] https://en.wikipedia.org/wiki/Euler%27s_identity

[2] Ramanujan's Notebooks 1

[3] Summation of series books

[4] A synopsis of pure and applied Mathematics

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[15] https://www.khanacademy.org/math/ap-calculus-bc/bc-series-new/bc-10-14/v/euler-s-formula-and-euler-s-identity#:~:text=Euler%27s%20formula%20is%20e%3Dcos,things%20in%20all%20of%20mathematics!