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Nuclear Equations and Determinants

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ABSTRACT:

We discuss several types of nuclear equations. Theses equations are useful in mathematics. there are several types of mathematical equaations. In mathematics there is alots of use of equation. We also discuss determinanats which is zero when we evaluate the determinant.There exist relationship between two functions . Variables play an important role in pure mathematics. There are several types of properties on variables.relationship between topological shapes and variables. Variables are of several types .functions play an important role in mathematics.there are severtal types of functions in mathematics. We discuss several types of variables in this paper. Variables are not fix and can shift their values accoring to functions or point. There exist relationship between Determinants. There exist several types of nuclear equations. Compunded series play important role in pure Mathematics.In Real analysis there is lots of se of powe series. we discuss relationship between nuclear equations .we discuss nuclear equations which are useful in mathematics they also play an important role in power series.nuclear equations also play an an important role in Nuclear weapons like atom Bomb and Lanuncher and another nuclear weapons.Properties play an important role in every section of mathematics.with the help of nuclear equations we can generate different types of weapons.even higher weapons. we discuss properties which is based on two dimensional shapes and have unique relationship.sphere play an important role in topological shapes.

Key words: Nuclear Equations,Detrminants,Variables ,Energy ,Powe series.

1. Introduction:

Nuclear equations are of several types these eqatuions are mathematical. These equations are useful in nuclear energy. There exist relationship between two functions. properties play an important role in pure mathematics. we also discuss Determinants. There exist several types of Determinants. We also discuss variables properties. The proofs are diverse inculding both geometrical and algebra and variables . In function case we discuss two functions which gives us new result. Many functions exist in nature. Lines and curves generate complex mathematics. three is a book on comles ananlysis. Complex function. It is a idea yet.there is a manifold concept.

Exist nuclear equations in a such a way that:

1. n(n+1)(n+2)(n+3)(n+4)…………atn=1 gives compounded result.

2. at n=1 (n(n-1)(n-2)(n-3)(n-4)(n-5)………)=1

Highly compounded series:

1. $(0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + \cdots \ldots)^{(0+0+0+0+0+\cdots\ldots\ldots\ldots\ldots)}$

2. $(1 + 1 + 1 + 1 + 1 + 1 + \cdots \ldots \ldots \ldots \ldots)^{(1+1+1+1+1+1+\cdots\ldots\ldots\ldots)}$

3. $(2 + 2 + 2 + 2 + 2 + 2^{(2+2+2+2+2+\cdots\ldots\ldots\ldots\ldots\ldots\ldots\ldots)}$
$+ \cdots \ldots \ldots \ldots \ldots)$

$(3 + 3 + 3 + 3 + 3 + 3 + \cdots \ldots \ldots \ldots)^{(3+3+3+3+3+\cdots\ldots\ldots)}$

…… ………………………………… upto0 to 9

10. $(9 + 9 + 9 + 9 + 9 + 9 + \cdots \ldots \ldots \ldots \ldots)^{(9+9+9+9+9+9+9+9+9\ldots\ldots\ldots\ldots)}$

Determinants which gives us zero. $3\times 3\ Matrix$.

$$\begin{vmatrix} 1 & 1 & 1 \\ 2 & 2 & 2 \\ 3 & 3 & 3 \end{vmatrix} = (0)$$

$$\begin{vmatrix} 2 & 2 & 2 \\ 3 & 3 & 3 \\ 4 & 4 & 5 \end{vmatrix} = e$$

$$\begin{vmatrix} 3 & 3 & 3 \\ 4 & 4 & 4 \\ 5 & 5 & 5 \end{vmatrix} = 0$$

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General Form of above Determinant is

$$\begin{vmatrix} a & a & a \\ a+1 & a+1 & a+1 \\ a+2 & a+2 & a+2 \end{vmatrix} = 0 \text{ result.}$$

Determinants of Natural numbers with respect to $3\times 3\ Matrix$.

$$\begin{vmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{vmatrix} = 0$$

$$\begin{vmatrix} 2 & 3 & 4 \\ 5 & 6 & 7 \\ 8 & 9 & 10 \end{vmatrix} = 0$$

$$\begin{vmatrix} 4 & 5 & 6 \\ 7 & 8 & 9 \\ 10 & 11 & 12 \end{vmatrix} = 0$$

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In general Way.

$$\begin{vmatrix} a & a+1 & a+2 \\ a+3 & a+4 & a+5 \\ a+6 & a+7 & a+8 \end{vmatrix} = 0 \text{ result.}$$

1. Subheading1: Determinants play an important role in Mathematics. we discuss $3\times 3\ Matrix\ in\ this\ paper$. There is a many conjecture in mathematics. many are unsolved and many are solved. Variables are usefull to solve these conjecture.

Two functions which is equivalent pythagorous theorem

If f(x)=x^a , g(x)=x^b Then there exist a relationship in a such way that : at x=1 we get. $at\ x = 1\ we\ get$. $\sqrt{f'(x) + g'(x) + f''(x) + g''(x)}$ $=\sqrt{a^2 + b^2}$ witch is again pythagorous theorem.

1.1Subheading1: Curves and lines olay an important role pure mathematics. And another section of mathematics.

1.2Subheading2: Variables Play an important role in mathematics. there exist several types of variables. And relationship between them. We discuss properties based on figures.. sphere play an important role to understand three dimensional shapes. There exist many formulas on these shapes.
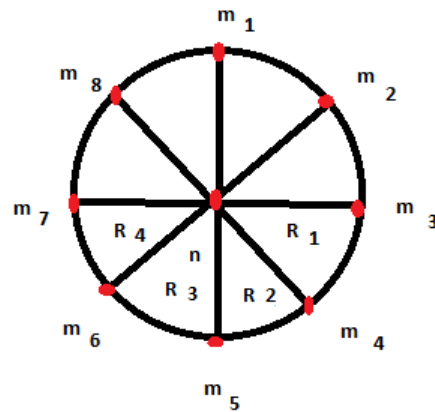
Exist properties in a such away that:

1. $2(R_1 + R_2 + R_3 + R_4)= \pi r^2$

2. $(R_1 + R_2 + R_3 + R_4)< (R_1 \cdot R_2 . R_3 \cdot R_4)$

Conclusion:

We discuss several types of nuclear equations in this paper. Increase knowledge about figure, two dimensional shapes, three dimensional shapes, fourth dimensional shapes and higher dimensions. There are properties which tell about topological space. Increase knowledge about circular shapes. Exist several types of problem in nature. nature works perfectly. sun rotation is a fix. And another stars rotation is a fix. There exist many mysterious equations in mathematics.to solve these equations we need many types of formulas. iyota is a itself unique number. Which means imaginary.

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Conflict of interest: compressed in figures, little bit propoerties and abstract.

Data availability statement: Gmail: mathematicalu34@gmail.com