# Usama's Grid Theory of new Data Storage and Structure.

Introduction:

I have imagined a structure that has every possible Integer value in it. A structure with the constraints **(+N,+N), (-N,-N), (+N,-N), (-N,+N).** I have some diagrams with me that might help understand it better. The main function of this structure is to find 2 numbers in Usama's Grid and Square individually and Add them together to get a larger output with small input.

Daigrams:

Here is a simple diagram of my grid:
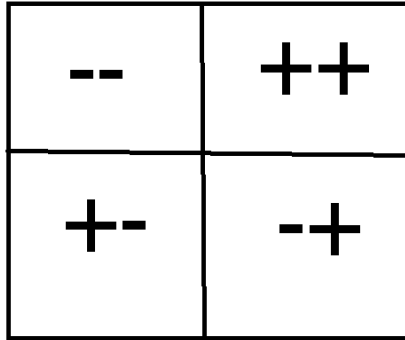
1. We could go from right top square first. **(+N,+N)** all the integers are in this format. Example of such can be: (1,1),(1,2),(1,3)…(3,1),(3,2)…(65,80)…. to **(+∞,+ ∞).**
2. Then to its left we can see **(-N,-N)** all the integers are in this format for Example of such can be: (-1,-1),(-1,-2),(-1,-3)…(-2,-1),(-2,-2),(-2,-3)….(-65,-80)…. to **(-∞,-∞).**
3. To its bottom we can see **(+N,-N)** all the integers are in this format for Example of such can be: (+1,-1),(+1,-2),(+1,-3)…(+5,-1),(+5,-2),(+5,-3)…(+980,-20)…. to **(+∞,-∞).**
4. To its bottom we can see **(-N,+N)** all the integers are in this format for Example of such can be: (-1,+1),(-1,+2),(-1,+3)…(-10,+1),(-10,+2)…(-980,+20)…. to **(-∞,+∞).**

Detailed Figure:

This is a detailed figure so you can understand what I want you to understand.

− ∞		− ∞			+∞	+∞	+∞	+∞
-4,-1	-3,-1	-2,-1	-1,-1	0,1	1,1	2,1	3,1	4,1
0,-4	0,-3	0,-2	0,-1	0,0	0,1	0,2	0,3	0,4
4,-1	3,-1	2,-1	1,-1	0,-1	-1,1	-2,1	-3,1	-4,1
4,-2	3,-2	2,-2	1,-2	0,-2	-1,2	-2,2	-3,2	-4,2
+,-∞	+,-∞				-,+∞	-,+∞	-,+∞	-,+∞

Hope this figure can clear most of the doubts. Regarding what is Usama's Grid.

Open Source work:

I realised I alone cannot do such a hectic task so I want help of every intellectual ready to invest some time in this project. I can't promise it going to be any useful but I can say we will learn a lot with this.

Usama's Grid Operator:

I have decided to introduce a operator for this grid it is as following: **((+,-)N² +(+,-) N²).**

Example 1:

Input: (2,7) $= 2^2 + 7^2 = 4 + 49 =$ **53.**

Output: 53

 Example 2:

Input: (1,-89) $= 1^2 + (-89)^2 =$ **-7920**

Output: -7920

Example 2:

Input: (-990,-800) $= -990^2 + (-800)^2 =$ **-340100**

Output: -340100

Hope you got it by now how it works and I thought about LOOPS while using this and the grid and problems like Palindrome of String or even finding anything. I might be too vague with my theory but I think I am onto something.

It has more potential than I can think of but I will keep updating this paper as soon as I find more and more uses of my grid.

Thank You! For Reading my paper rather than criticizing me for how stupid this Idea Sounds help me.

Happy Inventing!