Amending " i , j, k " According to Nature Roles and Euler Equation

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Abstract:

Human invented decimal numerical system following his ten fingers and called it "nature," though it is not. When natural numbers try to speak the universal language of "π" they demonstrate irrationality of prime falter.

Through our perception we relied on the Cartesian Coordinate system (x,y,z) disregarding their mirror imaginary coordinate counterparts (i,j,k) "i" is a unit vector akin "x". "i" does not share "x" on same coordinate platform. It seems to be because when "i" is alone with "x," its math seems to replace "y" numerically.

However, when we have x and y coordinates, we are unable to interfere "i." This set confused the math of complex number system structure. Though, we never multiply "x * i" or add 3x+2i = 5(x) or 5(i).

This point explains the quaternion vector math of "i, j, k." When we multiply "i*j*k", we involve the vector's direction of unseen existing coordinates. "i, j, k," are the flipped rotated vectors of coordinate vectors "x, y, z.". In our proposed impression, they motivate the energetic imaginary face of (x,y,z) matter.

Keywords:

Decimal system, Imaginary Coordinate, Vectors (x,y,z), Flipped rotated vectors "i, j, k." , Quaternion math of "i, j, k".