

$$\Phi = \left(\frac{1+\sqrt{5}}{2} \right) = 1.618$$

$$v^2 = 1 + v, \text{ Solution is: } \frac{1}{2}\sqrt{5} + \frac{1}{2}, \frac{1}{2} - \frac{1}{2}\sqrt{5} = 1.618, -0.61803 = \Phi, 1 - \Phi$$

$$\Phi^2 = 1 + \Phi$$

$$\Phi^2 - \Phi = 1$$

$$\Phi - 1 = \frac{1}{\Phi}$$

$$1 - \Phi = -\frac{1}{\Phi}$$

$$\text{Solution is: } \frac{1}{2}\sqrt{5} + \frac{1}{2}, \frac{1}{2} - \frac{1}{2}\sqrt{5} = 1.618, -0.61803 = \Phi, -\frac{1}{\Phi}$$

Then one of the two solutions of the equation is the number Phi, but the other solution is its complement with respect to 1, or also its inverse in negative. Then it is a number that reflects two types of symmetry.

Luego una de las dos soluciones de la ecuacion es el numero Phi, pero la otra solucion es su complementario respecto a 1, o tambien su inverso en negativo. luego es un numero que refleja dos tipos de simetria.