

**Title** : Universal Existence Numbers

**Abstract** : Everything in the universe exists with a number assigned to its existence

**Author** : Yahya A.Sharif

Real vacuum has no existence of anything. Nothing exists in vacuum I will assign the number zero to vacuum because there is nothing in it.

If we have mass exists in that zero vacuum then I can assign a number to the existence of matter there which is 1 ,  $m=1$  ,m is the first letter of the terminology mass .

Other things in the universe exists with numbers .All these things have existence numbers lower than 1. vacuum has  $m=0$ .

As matter curve the space “ let me exclude time or space-time “ matter has the highest existence number , since matter exists in away that it fills all this zero vacuum there is no vacuum inside matter and that it curves it.

Matter curves space with  $1/r^2$  which implies three dimensional space “ let me exclude time dimension” and if there is an existence number  $m$  greater than 1 , then this entity with  $m$  greater than 1 will curve space higher .If matter empty vacuum inside it then this entity will do something beyond emptying space to give higher curvature. For instance curving space by  $1/r$  will give higher curvature per  $r$  distance compared to  $1/r^2$  and will imply there are two dimensions for space. Space has only three dimensions .So as matter curves space with three dimension it has the maximum existence number  $m=1$ .