

so scientists have always been perceiving a mass as being both a wave and a particle or as known as the dual nature of matter

in this article we will try to explain how this happens

according to the law of einstein $E=mc^2$
if we note here we can see that there is just one of the three fundamental dimensions in physics (the mass) but not the other two if we add the other two fundamental dimensions in physics (time and distance) we could change einstein's law $E=mc^2$ to $E=mx$

where x is distance and time

this seems to be done by simplistic thinking but in matter of fact there are reasons and proofs why i chose to do such a simple law conversion but it took too much time to learn about this conversion that its not important to tell why i chose this conversion

however if you are ready to accept this new conversion lets take a next step

$$E=mc^2=m(xt)=m(v_0)$$

where v_0 means volume of the mass it lost after the mass lost energy in the type of the

mass's volume and becomes of smaller size or a smaller volume

now its is important to note here that this volume of the mass lost is not the only volume affecting the energy output in the universe from the mass

the new law now is

$$E=mc^2=m(v_0)=m(v_{om})(v_{os})/t*t$$

where vom is the volume of the mass lost and vos is the volume of space that no longer has any mass in it

in other words the law is

$$E=(m(v_0)^2)/t*2=E=(m(v_{om})^2)/t*2=$$

$$E=(m(v_{os})^2)/t*2$$

to put it simply the volume lost from a mass due to its shrinking is the same as the volume of space freed now when you see this you know that space is more like the energy of a wave(vos) and the volume lost from a mass due to its shrinking is also lost giving more energy which can be seen as a particle (vom)