Title: Theory of escape relativity (Escape out from a black hole)



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Kumudini collage Bardaghat-4

Black holes are the region of space where no matter can escape out.Everymatter has mass and due to mass they attract with other body.Similar as like that photons are matter too.That means they have mass too Due to the presence of mass photon too attracted by any other body.As an example we can take attraction between Photon and black hole it is possible due to its mass of black hole and photon.Some year ago it has been said that if we move through speed of light we can get out through black hole.But only speed of light is not sufficent to escape out from black hole.As we know that speed of light is constant and and a photon particle moves at a constant (initial) speed of 3*10^8m/s.

for a photon particle its need to increase the speed.
So that it can escape out from the event horizion.

Accroding to the escape relativity=It state that,"Black hole are the highly gravitationally intensed region to escape out movement of a particle must be travell along speed of light and escape relativity.It mean That the photon particle travelling as A intial speed of 3*10^8mls need to increase the speed with respect to escape relativity For outcome.

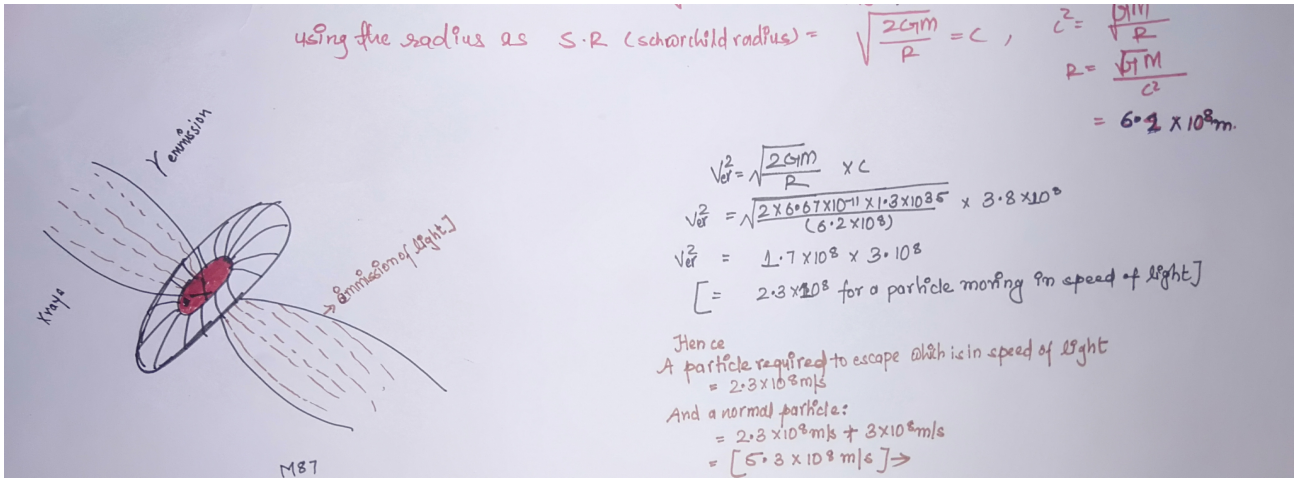
The formula for calculation the escape velocity

$$=[V^2=(2GM/R)^{1/2} *C]$$

Numerical data:

A black hole having mass 70000 times of mass of Sun and schwarchild Radius of 6.2*10^8m find the Escape velocity of black hole?

Hence a particle need to have an speed of 5.3*10^8m/s



Biography

I had completed my SEE examination from Gyankunj sikshya sadan At the age of 16.Now reading science at kumudini.And Also Started journey to teach in youtube channel called castle.

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