

# **A New Design to Manufacture Spaceships That Could Travel at a Speed Close to the Speed of Light**

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It should be noted that in vacuum space, by using the impulse of particles that have a speed close to the speed of light, it is possible to produce energy by which a spaceship could reach the speed close to the speed of light. Therefore, in order to propel a spaceship, it is enough to design engines that have the ability to emit particles such as photons, electrons, etc. As a result of the reaction of the emission of particles, a reaction force will create that moves the spaceship.

In this case, the total energy of spaceship is equal to multiply of the energy of each particle, the number of particles per unit of time, the number of engines of the spaceship and the time, that in vacuum space, the energy entered into the spaceship increases by the time and in fact increases its speed until it could travel at a speed close to the speed of light.

Considering that the spaceship wants to travel at a speed close to the speed of light, its safety is so important, since small objects have many destructive effects at high speeds. For the safety of spaceship and its crew, anti-gravity plates must be manufactured as a protector.

