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Communication and Process of a Package of Information by Photon, Faster than Light Speed in Link's Point of two Planck Lengths HASSAN GHOLIBEIGIAN, No Company Provided, ABDOLAZIM AMIRSHAHKARAMI, Retired, GHASEM GHOLIBEIGIAN, None, KAZEM GHOLIBEIGIAN, Student, ARIAN RESEARCH GROUP TEAM — In our vision, there in dimension of information in the universe which is nested with space-time. A photon needs to communicate and process a package of information including its exact quantum state and necessary governing equation for travelling a Planck length. This fast process should be done by photon in a link point of two Planck lengths. The photon can't stop between two Planck lengths and spend time for processing. Consequently, this process should be done faster than light speed. By using the proposed formula for number of packages of information (I): $I = t_P^{-1}.\ \tau$ In which t_P is Planck time and τ is lifetime of fundamental particle (string) per second, we can see that a photon processes 1.8×10^{43} packages of information in speed of faster than light speed for finding its 300000 km path in a second. This is the programming of the electromagnetic fields by photons via information dimension in the universe.

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