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Modification of the Planck-Einstein Equation and de Broglie Wavelength Relations by Adding Derivations of Flow of Time (Relative Time) With Respect to the Both Space and Time Based on the "Substantial Motion" Theory of Iranian Philosopher; Sadra. HASSAN GHOLIBEIGIAN[1], Retired, KAZEM GHOLIBEIGIAN, Technische Universitat, Vienna, Austria — Two different natures of space and time work together and form the all sorts of motions in the universe. "The nature has two magnitudes and two elongations, one is gradual being (wavy-like motion) which belongs to the time and dividable to the former and the next times in mind, and the other one is jerky-like motion which belongs to the space and dividable to the former and the next places " [Asfar, Sadra, (1571/2-1640)]. Sadra separated two natures of the space and time. So, in this definition, the nature of time might be wavy-like and the nature of space might be jerky-like. These two natures can be matched on particle -wave duality. Therefore, for getting more precise of results we should account effect of variations of time's flow with respect to space-time in our calculations. Here, we propose two terms of derivations of relative time's function to add to the generalized Planck-Einstein equation by de Broglie: where $\boldsymbol{P}$ is four-momentum, is Planck time, $h$is Planck constant, is flow of time, $\boldsymbol{K}$ is four wave-vector, $\boldsymbol{I}$ is information, $m$is particle's mass, v is particle's speed and n is natural numbers.

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