

U08a **A new light estimation of Dark Matter, Dark Energy and Ternary Space-Times, based on the special theory of relativity**

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In 2013, the European Space Agency calculated that the total mass-energy of the universe had a composition of 68.3 I have applied the special theory of relativity to three different space-times (where each of these systems has its own light velocity, c_1 , c_2 and c_3). System 1 space-time moves at velocity c_1 in System 2 space-time. System 2 space-time moves at velocity c_2 in System 3 space-time. Using the formulas for both the combined velocity and the increasing mass, I have calculated and estimated the baryons, the dark matter and the dark energy. System 1 space-time, another world has positive light velocity greater than that in the system 3 and dark matter. System 2 space-time, the illusive world has negative light velocity, dark matter and dark energy the increasing mass. The negative light velocity causes negative pressure in the system. System 3 space-time, our real world has positive light velocity, dark matter, dark energy and baryon the increasing masses. On the basis of these results, I then propose the ternary space-times universe. Certainly, as the multiverse are arranged in parallel, the multinary space-times are set in series.

The detailed analysis processes are shown on the internet web.