

Is the spacetime an emergent phenomenon?

In considering the relativistic quantum mechanics via a classical analogy (Sanduk,2018), it is found that the forms of both of the Dirac equation and Klein-Gordon equation can be derived. This may lead to assume that the spacetime is an emergent phenomenon. This analogy throw light on the concept of the multi-dimensional nature of the complex function as well. Then one may reach to a conclusion that there is no conflict between the special relativity and the entanglement.

Sanduk, M., From a classical model to an analogy of the relativistic quantum mechanics forms – II, *International Journal of Quantum Foundations* **4** (2018) 223 – 234.