1116-82-2810 **Reza R Ahangar*** (reza.ahangar@tamuk.edu), 700 University BLVD, Texas A&M University - Kingsville, Kingsville, TX 78363. *Complex Matter Space and Relativistic Quantum Mechanics.*

The Special Theory of Relativity cannot recognize speed faster than the speed of light. New assumption will be postulated that matter has two intrinsic components, i) mass, and ii) charge, that is M=m+iq . The mass will be measured by real number system and charge by an imaginary unit. We will use the Complex Matter Space to present the Relativistic Quantum Mechanics . We are hoping that this approach will help us to present a general view of energy and momentum in Complex Matter Space and lead to a better understanding toward the conversion of mass and energy equation, unifying the forces, and unifying relativity and quantum mechanics. (Received September 22, 2015)