

Abstract Submitted  
for the NES19 Meeting of  
The American Physical Society

**Substances and dark matter can be transformed into one another**

HAN YONGQUAN, 15611860790, MENG ZHAOQIANG, 13691563688 — Inside the galaxy, there are various kinds of celestial bodies with different rotation speeds. Their rotation speeds are all different and vary greatly. We observe no matter how different the rotation speed of celestial bodies is, the speed of their rotation does not exceed the speed of light. There must be celestial bodies with superluminal rotation in the galaxy. If the substance rotates faster than the speed of light, then the existing scientific and technological means are invisible and manifest as dark matter. In fact, the dark matter researched by scientists now is the "substance" of superluminal rotation. Heavenly bodies superluminal rotation causes the radiation of the substance to converge inside the substance and the substance into dark matter. The merger and collision of galaxies broke the pattern of the original galaxy. The original Substances without superluminal rotation turned into superluminal rotation, and the original dark Substances with superluminal rotation may also be less than the rotation speed of light. And vice versa.

Han Yongquan  
15611860790

Date submitted: 14 Mar 2019

Electronic form version 1.4