

Abstract Submitted  
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**The origin of mass is velocity of The basic particles YONGQUAN HAN, 15611860790** — The inside part of substances are composed by the “prototype” of electromagnetic waves— The basic particles are the two particles which moves in circle, the speed of these particles is the result of the mass.internal and external velocity of the objects is zero, the mass of any object is zero too, the mass and velocity Should be proportional, the proportion constant is  $4.2 \times 10^{-45}$ , mass depends on velocity and mass is measured on the basis of certain velocity. Electromagnetic waves is the smallest particle that can Independent existence and composition material, Revolving velocity of electromagnetic waves decide thereof colour. Now the objects mass is measured which velocity is  $2.13 \times 10^{14}$ . All object’s temperature is the higher and the higher. The root cause of wave-particle dualism of basic particles is that the two high-speed revolving electrons form flexible “energy ring,” the mass of  $\gamma$ -rays is  $2m = 2k \times v = 2 \times 4.2 \times 10^{-45} \times (3 \times 10^8 + 2.1 \times 10^{11}) = 1.77 \times 10^{-34}$ , the visible light mass is  $2m = 2k \times v = 2 \times 4.2 \times 10^{-45} \times (3 \times 10^8 + 2.1 \times 10^8) = 4.28 \times 10^{-36}$   
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