

Abstract Submitted
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The ratio of the speed of light to the angular velocity of the rotation of an object is a measure of matter and dark matter HAN YONG QUAN, Huairou District NO.1 high school — Any specific object is self-rotating and also radiating. The radiation radius of the object: c/ω , where c is the speed of light and ω is the angular velocity of the object's rotation. Assuming that the radius of an object is R , when $R = c/\omega$, the object is in the critical state of matter and dark matter; when $R < c/\omega$, the object assumes the state of matter; when $R > c/\omega$, the object assumes the state of dark matter. At this time, the radiation of the object converges inside the object. The linear velocity of the object's rotation should be faster than the speed of light, and it is the existence form of dark matter, but they have gravitational effect, which is the characteristic of modern scientists describing dark matter.

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