Proof of the Universe's Rotation Using Galactic Velocity Ratios from Hubble Space Telescope Findings

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By positioning a space telescope and meticulously surveying the cosmos, velocity differences between galaxies can be clearly identified using redshift and blueshift methods.

Accepting the Big Bang theory—whereby celestial objects were dispersed in all directions by the initial explosion—allows us to understand that the velocity differences observed through telescopes cannot result from linear motion alone. According to physical laws, the linear velocities of objects originating from the Big Bang should be identical (or differ only marginally) relative to one another. Yet telescopic observations demonstrate a very different scenario. From the observer's perspective (the telescope), one would expect $\Delta V = 0$ for galaxies along the same line of sight.

However, telescopes reveal significant velocity differences between galaxies. The rotational motion of celestial objects accounts for these velocity disparities.

To demonstrate this point, consider a motorway where vehicles cannot exceed 100 ($\frac{Km}{h}$) due to imposed limits. Regardless of a vehicle's power capacity, it cannot surpass its designated speed limit. Yet telescopes detect velocities approaching the speed of light (C). This provides a straightforward explanation: the observed velocity differences arise from rotational motion, rather than linear motion.

Galactic motion comprises two components: linear and rotational movement. This explanation readily demonstrates that the observed velocity differences result from rotational motion. For galaxies aligned along the same trajectory, the linear velocity difference is either negligible or non-existent, and the substantial velocity disparities cannot be attributed to linear speed—this marked difference is certainly due to rotational velocity.

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