A New Calculation of the Speed of Objects in Nested Paths in the Universe

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Given that each moon orbits around its planet and each planet orbits around its central sun, the combination of orbits 1 and 2 creates a helical pathway for a moon. If a star's orbit around its central galactic black hole, which is a closed curve path, is added to the moon's path, the final path will be a combination of paths 1, 2, and 3. And, the path of moon will be a nested helical orbit.

But celestial objects have different speed at different orbits. to calculate the total velocity of objects in these helixes, we have used the following method:

Resultant velocity = Sum of the velocities in helical paths + Linear velocity (speed in biggest orbit)

In this paper we will explain more about this theory, drive a formula for calculation of speed of objects in nested paths in the universe and give some real examples.