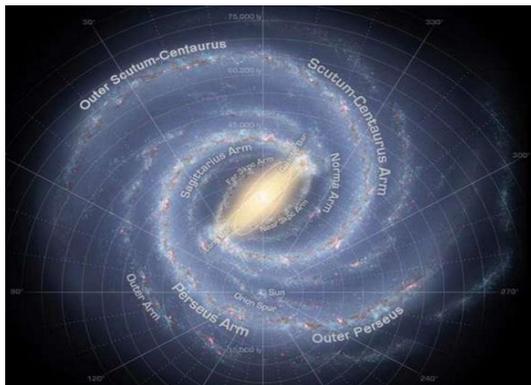


# The Milky Way Should Be Constantly Expanding

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Abstract: showing a viewpoint about the state of *the Milky Way*



## Main viewpoint and conclusion:

*The Milky Way* should be in the constantly expanding state, the every parts of accretion disk would all produce displacement along the tangential direction of its circular motion by the effect of inertial force. After the time from  $t_1$  to  $t_2$ , the  $r_1$  changes into  $r_2$ , and  $r_2 > r_1$ , and the result is that their trajectories and distributions are constantly expanding spiral curves.<sup>[1][2]</sup>

## References

[1] *The outer galaxy*

<https://phys.org/news/2017-07-outer-galaxy.html>

[2] *Radial acceleration relation found in all common types of galaxies*

<https://www.sciencedaily.com/releases/2017/02/170217012502.htm>