

Abstract Submitted
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Effects of an expanding caustic ring on a distribution of stars¹

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Gainesville — In self-similar axially symmetric model of galactic halo, caustic rings
lie on the galactic disk and expand on cosmological time scale. We study the motion
of a distribution of stars under the gravitational field of an expanding caustic ring.
We investigate how the bulk velocities of the stars are affected by the caustic.

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