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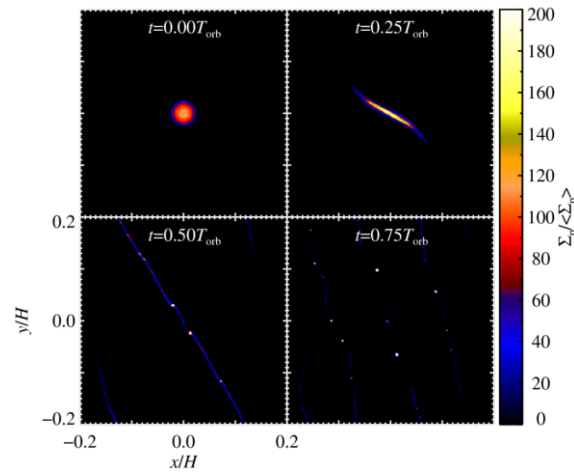
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The final assembly step of planetesimal swarms.

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We investigate the final collapse from a particle cloud embedded in the early solar nebula into bound objects. The size distribution of those objects is compared to the inferred initial size distribution of asteroids in the solar system [1]. Binary fraction and spin of the objects are compared as well. The figure shows dust surface density snapshots in the early stages of a simulation.



[1] Bottke, W. F., et al. (2005), Icarus, 179, 63–94

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