

Simulations of the formation of the Gould's belt

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We present numerical simulations of the formation of the Gould's belt in the scenario of the collision of a cloud or dwarf satellite into the Milky Way's disk. We contrast the results from full MHD simulations and purely hydrodynamical ones. These simulations were performed in the context of the VLBI mapping of star forming regions, which will allow direct comparison of the observed and simulated kinematics.