

Abstract Submitted
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Fluidic Dynamics in Accretion Disk Fragmentation Model of Binary Protostar Twin Formation¹ AARON HERRIDGE, None — Among the models that have been proposed for the development of binary star systems, the binary protostar model has benefitted from affirming evidence in recent astronomical observations. Accretion disk fragmentation surrounding an initial forming star is considered a potential origin for the companion star in binary protostar systems. This research will apply fluidic dynamic analysis to the accretion disks of forming protostars to explain how disk fragmentation forms the companion in the binary protostar model.

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