

Stellar Age Delineation of Host and Companions

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Abstract: In this paper it is explained that a companion star can not have its age determined simply by determining the age of its host. Mainstream astronomers assume host stars and “planets” are formed at the same time in their papers, and this is not good for astrophysics.

In stellar metamorphosis stellar evolution is planet formation. This means all planets are actually older stars, so a huge problem arises with how establishment determines the ages of host and companion pairs.

“The ages of host and companion stars can differ greatly.”

This means the belief that a gas giant star or rocky highly evolved stars is as young/old as its host simply because they are orbiting each other is false. The belief in this case is an unsupported assumption that is carried on due to the belief that star systems are whole constructs and not collections of previously independent objects. In stellar metamorphosis, stars are individual constructs and adopt other stars as they evolve and change both chemically and physically. Since all systems are adoptive¹, it is a false assumption that a companion object can have its age determined by the age of its host. It is as false as looking at two plants in the forest and assuming they are the same age simply because they are growing next to each other. It is also as false as assuming that all the people on an airplane are the same age, simply because they are sitting next to each other and are all headed in the same direction.

There exist young stars of 5 million years of age that have 2 billion year old objects orbiting them and objects of 100 million years of age which have 60 billion year old objects orbiting it. There also exist young stars of just 70 million years that have objects which are 30 billion, 4 billion, 1.5 billion, and 75 billion years old orbiting it. Nature is not neat and organized. Just because objects are orbiting each other does not mean they are the same age! We must correct the false assumptions astrophysicists make.²

¹ The Principle of Stellar Adoption and Rejection, <https://vixra.org/pdf/1603.0202v2.pdf> Wolynski

² <https://arxiv.org/pdf/1803.03125.pdf> Ages For Exoplanet Host Stars Jørgen Christensen-Dalsgaard and Victor Silva Aguirre