

Strong Support for the Mass Independence and Coherency Principles of the General Theory of Stellar Metamorphosis: NGTS-1b

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December 9, 2017

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Abstract: The discovery of NGTS-1b strongly supports the principles of mass independence and coherency of stellar evolution and formation according to the general theory. Explanation is provided along with link to original discovery paper showing the issues.

The Principle of Mass Independence stems directly from the Coherency Principle of stellar metamorphosis:

"When a star is born its remains are incoherent particles that cannot form anything of significant size, as stellar birthing is too violent to allow for the classical mode of planet formation in a protoplanetary disk."

Since stellar birth does not leave anything left over, then assuming objects which orbiting stars were formed as a cause of the host being born is misguided. The principle of mass independence is thus:

"The masses of stars are independent of each other when they are first formed/born."

The object that orbits NGTS-1 is very, very large in comparison to the host, as well orbits at extreme velocity and closeness to the host. It is clear that the general theory is supported by this discovery. NGTS-1 and NGTS-1b are not related to by formation, this meaning that they are actually two mutually exclusive stars in different stages to their evolution. One of the stars simply captured the other via a third object which allowed transfer of angular momentum. This means another prediction can be made, in that the object which transferred its angular momentum to allow capture is either orbiting further out from the red dwarf, or was completely ejected from the system. This is why rogue objects exist that are Jupiter sized.

Discovery paper: <https://arxiv.org/pdf/1710.11099.pdf>

Principle of Mass Independence/Dependence Paper: <http://vixra.org/pdf/1607.0191v1.pdf>

The Coherency Principle of Stellar Metamorphosis: <http://vixra.org/pdf/1607.0027v1.pdf>