Gravitational Collapse: A Mass and Energy Loss Phenomenon

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Abstract: For gravitational collapse to occur, a body needs to have mass and energy to lose. Explanation is provided.

Stars are observed by the thousands now to have gravitationally collapsed into less energetic and less massive stars. They are called "planets/exoplanets" by the mainstream, but they are actually very old stars in much more advanced stages of evolution. With this in mind, it becomes apparent that in order for gravitational collapse to occur, there needs to be mass and energy present. If the body cannot lose mass and energy, then gravitational collapse cannot occur. It is easy to understand, if there is no mass and energy present, then there is nothing to collapse! Stated differently, a body cannot increase mass and energy with gravitational collapse, because gravitational collapse involves the loss of mass and energy.

As stars do gravitational work on themselves, they lose mass and energy. Star (planet) formation cannot happen by gravitational collapse because gravitational

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**Stellar Metamorphosis**

Mass and Energy available to be lost for G-collapse and physical work to be done on object.

In stellar metamorphosis, gravitational collapse only occurs when the star is already formed, you cannot form a star with gravitational collapse, because gravitational collapse involves mass and energy loss.

You cannot form something that is energetic and massive with a process that requires mass and energy loss.

**Astrophysical dogma’s cold dust**

Cold interstellar dust that has no mechanism for mass loss, and no internal heat to be lost as it is already cold dust.

A dust cloud cannot gravitationally collapse as there is nothing coherent to collapse, no energy (it is cold dust) and no significant mass loss, 100 tons of cold dust will remain 100 tons of cold dust.

In the astrophysical dogma, cold dust can gravitationally collapse to form stars!
collapse is a mass and energy loss phenomenon, and star birth is a mass/energy gain phenomenon.

Let us explain how Earth is formed with this understanding. Just so the reader is clear, Earth formed from gravitational collapse of a larger body, but not in the way astrophysical dogma says it did. To them, a dust cloud that started off with very little mass and energy could just clump together and make an even more massive and energetic object, but there is a huge issue with that, g-collapse is a mass and energy loss phenomenon! They make the Earth with the idea of gaining mass and energy with a process that is clearly reliant on mass and energy loss. If they are to form something via gravitational collapse that is a mass and energy loss phenomenon, they needed to have something that was more energetic and massive to begin with, as well had a mechanism to lose mass and energy, as well needed to be observed.

**STELLAR METAMORPHOSIS**

**ASTROPHYSICAL DOGMA**

**YOUNG HOT, BIG STAR**

**GIANT DUST/PEBBLE CLOUD**

- Earth

1. Gravitational object to gravitationally collapse
2. Lots of mass and energy to fuel the collapse
3. Planet the less energetic, less massive end result

1. No singular gravitational object present, just large dust/pebble cloud
2. Little energy, heat and mass to fuel the collapse
3. Planet the more energetic, more massive end result

(G-collapse is mass loss/energy loss phenomenon, so the astrophysical dogma contradicts itself)
Gravitational collapse is a mass/energy loss phenomenon.

Observe stars that have gravitationally collapsed and lost mass and energy (observed with empirical data from telescopes).

Gravitationally collapse (lose mass and energy).

No contradiction!

The stars gravitationally collapse, losing mass and energy and are observed to do this, because we have found them. They are called "planets/exoplanets".

Give dust and pebble clouds the ability to both gravitationally collapse and gain mass and energy (not observed).

Gravitationally collapse (lose mass and energy).

Gained mass and energy.

Major contradiction!!!