Equation for the Origin of Rotation of Two Armed Spiral Galaxies
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Pre-formed galactic arms were created in sets of two or more before galaxies were
formed. These pre-formed galactic arms were orbiting each other. Over time, due
to gravitational attraction, the orbits of the arms decayed with the set of two arms
tangentially colliding in their fore sections and attaching there forming two armed
spiral galaxies which began to rotate. The rotation of the two armed spiral galaxies
was due to the conversion of the angular momenta of each of the arms adding
together to form the total angular momentum of the newly formed two armed spiral
galaxy. If $(I\omega)_{arm}$ is the angular momentum of each of the pre-formed galactic
arms, and $(I\omega)_{galaxy}$ is the angular momentum of the newly formed two armed spiral
galaxy, the equation for the origin of rotation of the galaxy is $(I\omega)_{arm1} + (I\omega)_{arm2} = (I\omega)_{newly formed galaxy}$.

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