

# The HH(Hula-Hoop)Model on Rotation of the Sun and Revolution of the Planet(Rotation of the Planet and Revolution of the Satellite)

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The HH(Hula-Hoop Rotation-Revolution) Model between Rotation of the Sun and Revolution of the Planet, and also between Rotation of the Planet and Revolution of the Satellite.

The HH(Hula-Hoop Rotation-Revolution) Model indicates the Commensurability or Resonance relations between Rotation of the Sun and Revolution of the Planet, and also between Rotation of the Planet and Revolution of the Satellite.

About the HH(Hula-Hoop Rotation-Revolution) Model, between Rotation of the Sun and Revolution of the Planet;

Let the Rotation period of the Sun  $(A)$ ,  
the radius of the equator of the Sun  $(R)$ ,  
the Revolution period of the Planet  $(Y)$ ,  
the Revolution radius of the Planet  $(K)$ ,  
and virtual Hula-Hoop's diameter equals to  $(K)$ .

Then virtual Hula-Hoop's radius  $(H)$ ,  $H=K/2$  should be imaged.

Suppose the Revolution period of virtual Hula-Hoop synchronizes to the Rotation period of the Sun  $(A)$ , then the Rotation period of virtual Hula-Hoop  $(X)$ ,  $X=(H/R)*A$  should be imaged.

We tried to apply the observed data to the above model and find out between Rotation period of virtual Hula-Hoop  $(X)$  and the Revolution period of the Planet  $(Y)$  indicate Commensurability or Resonance relations in many cases.

About the HH(Hula-Hoop Rotation-Revolution) Model, between Rotation of the Planet and Revolution of the Satellite;

Let the Rotation period of the Planet  $(D)$ ,  
the radius of the equator of the Planet  $(r)$ ,  
the Revolution period of the Satellite  $(M)$ ,  
the Revolution radius of the Satellite  $(K)$ ,  
and virtual Hula-Hoop's diameter equals to  $(K)$ .

Then virtual Hula-Hoop's radius  $(H)$ ,  $H=K/2$  should be imaged.

Suppose the Revolution period of virtual Hula-Hoop synchronize to the Rotation period of the Planet  $(D)$ , then the Rotation period of virtual Hula-Hoop  $(X)$ ,  $X=(H/r)*D$  should be imaged.

We tried to apply the observed data to the above model and find out between Rotation period of virtual Hula-Hoop  $(X)$  and the Revolution period of the Satellite  $(M)$  indicate Commensurability or Resonance relations in many cases.