#### **Energy fields of the Planets.**

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#### Abstract:

The forces of nature are reviewed and analyzed from first principles, without any preconceptions. The review is based on the earlier analysis of Energy Fields around conductors, solenoids, permanent magnets and rotating bodies **[1][2]**. Here we continue the analysis of interactions between **Rotational** energy fields. The proposals may provide an alternative explanation for the 'magnetic' fields of the planets.

#### **<u>1. Introduction:</u>**

Simple physics experiments have been conducted over the centuries, and elaborate theories have been proposed to explain the observations (e.g. magnetic and electromagnetic theories). These theories have become dominant and, in the modern era, they generally go unchallenged. This paper re-examines some fundamental aspects of physical behavior and proposes alternative explanations for the interactions in nature.

For this paper, we have developed proposals for more complex interactions between energy fields. It builds on the findings of two earlier papers **[1]**[2] where energy fields are seen to interact with each other, and to turn or move, if free to do so.

It is assumed that the strength of an energy field reduces, in some way, with distance from the centre of the body.

### **<u>2. Energy fields of planets</u>**

For the planets, it is proposed that the net energy field is formed by the vector combination of the rotational energy fields of the gaseous, molten and solid parts of the planet.

For Earth, the molten/solid core appears to have a different axis to the solid outer crust and mantle – see Figure 2a:

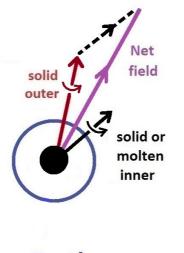
For the four gas-giant planets, Jupiter, Saturn, Neptune and Uranus, the gaseous outer has a different axis to the solid/molten inner. For these planets, the rotational energy field vectors suggest the core may be counter-rotating compared to the gaseous atmosphere, which could explain the turbulence observed.

For Saturn, the axes for the gaseous outer and the molten/solid inner appear to be aligned though counter-rotating.

For both Neptune and Uranus, the energy field vector for the gaseous outer appears to be about 150 degrees from the vector of the solid/molten inner.

# **Planetary energy field vectors**

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Earth

Figure 2a: Energy field vectors of Earth.

For Jupiter, the gaseous outer has a different axis to the solid/molten inner which appears to be counter-rotating – see Figure 2b:

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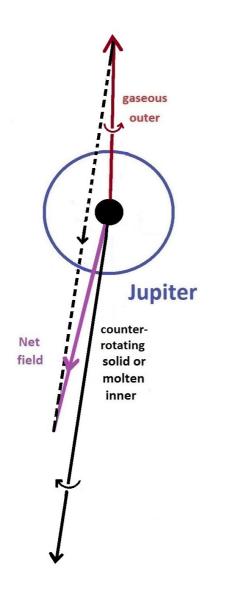
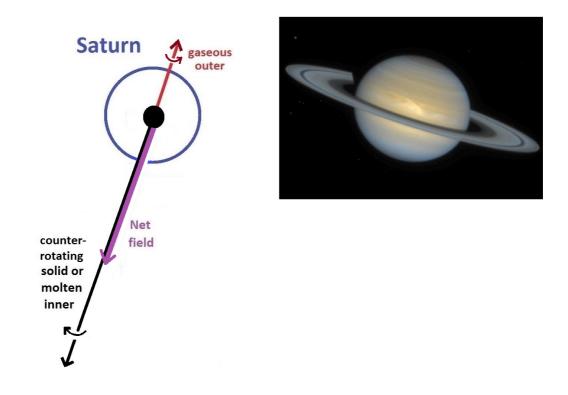




Figure 2b: Energy field vectors of Jupiter.

For Saturn, the axes for the gaseous outer and the molten/solid inner appear to be aligned but also counter-rotating – see Figure 2c:

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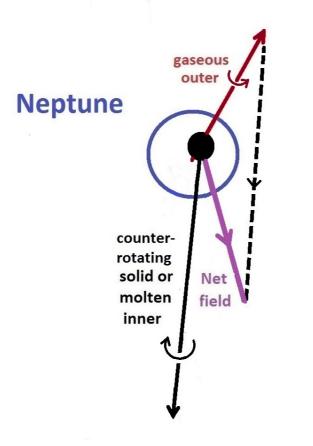
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Figure 2c: Energy field vectors of Saturn.

For Neptune, the energy field vector for the gaseous outer appears to be about 150 degrees from the vector of the solid/molten inner which is counter-rotating – see Figure 2d:

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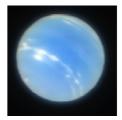


Figure 2d: Energy field vectors of Neptune.

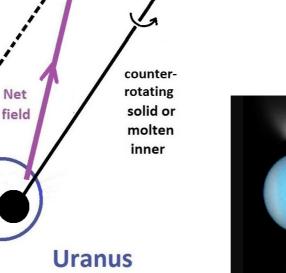
For Uranus, the energy field vector for the gaseous outer appears to be about 150 degrees from the vector of the solid/molten inner which is counter-rotating - see Figure 2e:

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counterrotating Net solid or field molten inner gaseous Uranus outer

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**Figure 2e: Energy field vectors of Uranus.** 



The summary diagram for the main planets – see Figure 2f:

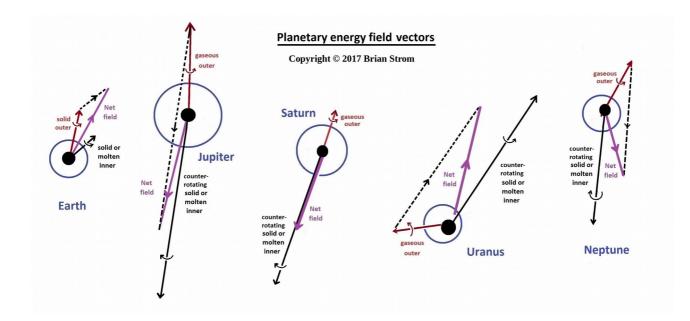


Figure 2f: Summary of suggested Planetary energy field vectors.

### **3. Summary and Conclusions**

In this paper, we have analyzed the interactions between **rotational** energy fields, and proposed the nature of these interactions for the Planets of our Solar System.

The strengths of energy fields appear to vary by orders of magnitude, yet the sizes and distances between bodies can also vary by orders of magnitude. Whilst one or other energy field may appear to dominate, it does not mean that other energy fields are not present, at lower strengths.

Further information available on Blog: https://edisconstant.wordpress.com/

### **<u>4. References:</u>**

**[1] Brian STROM.** "AI Physics – Energy Fields - Part 1." **viXra: 1902.0421** February 2019. This paper includes a summary of the simple interactions between energy fields.

**[2] Brian STROM.** "AI Physics – Energy Fields - Part 2." **viXra: 1903.0495** March 2019. This paper includes a summary of the interactions between Potential energy fields, Orbital energy fields and Rotational energy fields.

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