

# Formation of Proton Current and Magnetic Field Around of the Earth

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## **Abstract.**

In article opens, that solar protons deviate in the attracted ether of the Earth and form an orbital proton current, which forms a magnetic field of the Earth, by analogy of formation of a magnetic field by electric current.

Protons and antiprotons, flying from the Sun in a direction to the Earth, is passing from the attracted ether of the Sun in the attracted ether of the Earth. Since the Earth with its attracted ether have a rotation and orbital motion in the attracted ether of the Sun, then the attracted ether of the Earth pushes the solar protons and antiprotons in direction of its rotation and motion, due to that the protons and the antiprotons deviate to one side. On determined distance from the Earth the protons and antiprotons begin the orbital motion around of the Earth, as shown on fig. ??.

Since the solar protons and antiprotons in the the attracted ether of the Earth deviate to one side, then the orbital motion of these protons and antiprotons occurs in one direction. The orbital motion of protons and antiprotons occurs mainly above equator.

The motion of protons around of the Earth represents a proton current, which as well as the electric current of electrons, forms a magnetic field. As the protons and the antiprotons form a magnetic field in opposite directions, then the magnetic fields, formed by identical quantity of protons and antiprotons, counteracts to each other and are destroyed. But the surplus of protons or antiprotons forms a magnetic field, which represents a magnetic field of the Earth. The magnetic field of the Earth has a direction from the north to the south, inside of magnetosphere (inside of the Earth) and from the south to the north, outside of magnetosphere, as shown on fig. ?? in two planes.

The axis of magnetic field of the Earth does not coincide with the axis of rotation of the Earth, because the attracted ether of the Earth not only

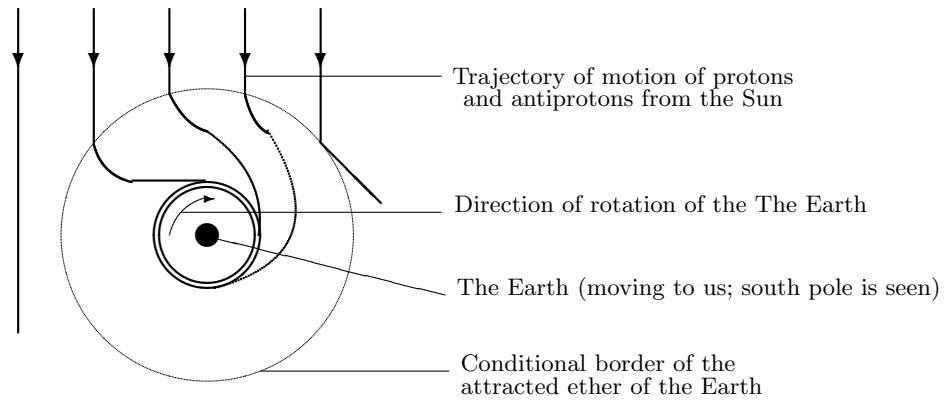


Figure 1: Change of direction of motion of protons in attracted ether of the Earth.

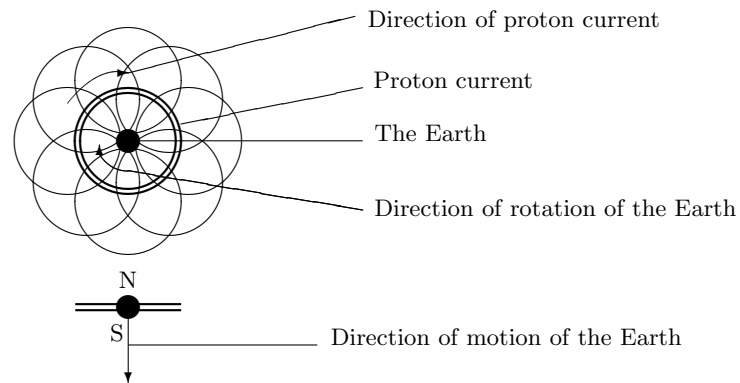


Figure 2: Magnetic field of the Earth around of proton current

rotates but also moves together with the Earth around of the Sun.

As the direction of a magnetic field of the Earth by a rule of the left screw corresponds to orbital motion of protons around of the Earth, then the magnetic field of the Earth is created by protons and is amplified by the iron, which inside of the Earth. It is similar to a magnetic field of the solenoid with the iron core.

The big quantity of protons and the antiprotons getting in magnetosphere of the Earth at flashes on the Sun, forms a magnetic storms. As the protons and antiprotons forms the magnetic fields, which have the contrary directions toward to each other, then the different quantity of solar protons and antiprotons, getting to the Earth, change the strength of the magnetic field of the Earth. If the quantity of antineutrons becomes more quantities of protons in magnetosphere, then the magnetic field of the Earth will change the direction. As at different flashes on the Sun, to the Earth can be radiated different big quantity of protons or neutrons, then the change of a direction of the magnetic field of the Earth in time is unpredictable.

The radiated electrons from the Sun also forms a magnetic field around the Earth. But as protons have much greater mass than the electrons, then the magnetic field of the Earth can be formed by protons or antiprotons.

## Conclusions

1. The solar protons, antiprotons and electrons, getting in the attracted ether of the Earth, change the direction of motion in direction of rotation of the Earth and further they move around of the Earth, i.e. form an orbital current of these elementary particles around of the Earth.
2. The proton current and antiproton current form a magnetic field by analogy of a magnetic field, which form the electric current. But the protons form much stronger magnetic field than the electrons, as the mass of protons is much more than the mass of electrons.
3. As the orbital protons and antiprotons move together in one current, then the magnetic field which form by equal quantity of these protons and antiprotons, are mutually directed opposite each other and are destroyed. Therefore the magnetic field around of the Earth is formed by excess of quantity of the orbital protons relatively to the orbital antiprotons.