THE GREAT EFFECT OF SAGNAC

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Abstract: The differential time is incompatible with the theory of relativity.

Examination

As we know, the effect of Sagnac is differential and absolute, which contradicts the special theory of relativity. The relativists offer a differential solution to this[1;2;3], by using two different times, one slow and one fast, because the speed of time depends also on the direction of light in the lorentzian transformations. The same applies to the space.

However, this solution also contradicts the special theory of relativity, because the second does not have fast time and extended space, i.e. it is only a special case of lorentzian transformations. Therefore, the Sagnac effect disproves this theory, as suggested long ago. Moreover, the general theory of relativity also has nothing to do with the effect of Sagnac, because the centrifugal force is small. These are important things.

References

[1] Laue, *„On the experiment of Harress“*, 1920.
[2] Langevin, *„On the experiment of Sagnac“*, 1937.
[3] Comstock, *„The principle of relativity“*, 1910.