

Discussion on the article

Potjkhin A.F.
TO THE QUESTION ON THE PHYSICAL SPACE-TIME

Klaus Fredenhagen fredenha@x4u2.desy.de

Anatoliy potiehin@mail.ru

Re: Prof. A. Potjkhin. about article

26 03 2003

Dear Prof. Potjkhin,

we now received report on your paper

Man.Nr. kf17/2002

TO THE QUESTION ON THE PHYSICAL SPACE-TIME

pp. 9 (rec Jan 5, 2003).

On the basis of this report we cannot publish it in Annalen der Physik.

Sincerely yours

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Report on
TO THE QUESTION ON THE PHYSICAL SPACE-TIME
by A.F. Potjkhin

The author tries to argue that Einstein's Special Theory of Relativity is wrong. The arguments seem to rely on some concept of covariance, which caused some confusion in the literature; namely, the mere fact that a physical law can be formulated in an arbitrary system of reference contains no physical information. But the fact that it keeps its form under certain transformations has a meaning where however the invariant form has to be specified. The discussion in the paper does not contribute to a clarification of the situation, and the critic on Einstein is not well founded.

I recommend rejection of the paper.

AUTHOR'S ANSWER

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On your answer 27 March 2003

About my manuscripts Nr. kf17/2002

Dear Editors, Prof. Ulrich Eckern, Prof. K. Fredenhagen,
That's a pity that your journal had lost the high level of proficiency!

A. F. Potjkhin will publish this manuscript, your answer and report of this manuscript at the nearest time in his COLLECTION OF PAPERS.

Sincerely yours, Prof.

A. Potjkhin