

Information Approach to the Problems of Metrology and Physics

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Abstract: This paper discusses the necessity of presence of sources of error in all measurements cases. On this basis the paper proposes measurement philosophy. Dan excursion into some fizichekoy theory [1-13] did not take into account the fact that any measurement error is instrumental, as well as the method of error. In the proposed method of philosophical error are easy to take into consideration, even in the case where they are unavoidable. If this approach would be considered, perhaps, these theories would have been quite different, or does not exist.

Key words: measurements, physics, philosophy, the theory of relativity, computer science

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