

TITLE: The Influence of Theological and Philosophical Thinking Not Only in the Exact Sciences

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ABSTRACT:

This thesis attempts to discover and characterise the interfaces at which the sciences meet and provide incentives for interdisciplinary dialogue. It is not the aim of this thesis to show the need for their fusion into one universal science. The aim is to show that it is important to re-establish communication between scientists with humanities and exact science education, as their results affect our society. Although an analytical method is used in the first chapters, the emphasis in the majority of this thesis is placed on comparison with possible subsequent synthesis. On this basis, the thesis not only examines the philosophy of R. Descartes and the consequences of his thinking today, which stands in opposition to the views of J. A. Comenius, but also the issue of education, which is one of the ways of re-establishing dialogue. All sciences have an ontological basis; thereby they must not only take the concept of creation seriously, but also the anthropic principle. The sciences are united by the limitations of their λογών, which are symbols meant to encourage efforts to review their own results. Opening up to the world on the basis of a holistic approach, not only leads to an interest in mankind, but also brings environmental awareness, which cannot be understood without personal commitment.

KEYWORDS: experiment, language, miracle, progress, education, physics