

From the Publisher “Intellect”

The book printed by our Publisher is an original work devoted to the definition of the hypothetical bases of “Natural Philosophy”, i.e. physics, as one of the areas of science, and on their basis – to the creation of a model of the world. The essence of these assumptions is apriority of the phenomenon of attraction and repulsion, i.e. the principle of oscillatory motion. The above law is different from Newton’s and Einstein’s assumptions and thus opens up a unique course different from the previous postulates. The book consists of two parts translated from Georgian by the author. It should be mentioned that the first part of the book was published in 1961 in a limited number of copies.

We believe that the publication of this work will be necessary even if the next period shows the lack of such kind of model. The fact is that the model given by Taras Abzianidze does not contradict the previously created models. But it is a prerogative of future generations to define how far adequate it is for description of vast natural processes and phenomena. For us it is clear that time will solve this problem, and in the future this model will be specified and justified. Today, the present work is not only worthy of printing and distribution, but is also of indisputable historical value.

Even with most scanty information about this book, the reader, who is a professional in this field, should be interested in this publication. It is primarily intended for wide-profile physicists, mathematicians, philosophers and researchers of the history of science as well as for all other persons who more or less include this area within the scope of their intellectual interest.

The author Taras Abzianidze (1889 – 1969) is a rare exception among Georgian figures, who in the 1910-60ies happened to be a teacher of physics, one of the

experimenters in this field, a laboratory founder, and, what is important even now, a high-class scientist (as evidenced by this book).

Note for reference that Taras Abzianidze was the first to introduce the X-ray equipment in Georgia. He was a founder of the Industrial Technical School (later, one of the basic units of the Polytechnic Institute) and of a circle of physics at Tbilisi Palace of Pioneers, Director of the Aviation College, Head of the Chair of Physics at Pushkin Pedagogical Institute, one of the organizers of school competitions in physics, and in addition a person of impressive appearance and impeccable behavior.

However, it should be mentioned that he created his works not only with great enthusiasm and love, but also with exemplary zeal. As confirmed by numerous documents, Taras Abzianidze spared no effort in order to bring the novelty and originality of the results in the form of reports and seminars to the listeners of Tbilisi as well as Moscow and Leningrad academic circles.

22.07.2013