

We are lucky that the Euclidean plane is equivalent to what we can draw on a Tabula (board) and that the Cartesian coordinate system with perpendicular line axis x and y are drawable on a Tabula. By this we have achieved us intuitive understanding of the mathematic abstraction of the real number field $x, y \in \mathbb{R}$ with order relation, number sets $(x, y) \rightarrow z$ and a complex number field $z \in \mathbb{C}$ without order relation. These can be interpreted by humans of physical Nature by an imaginary map onto a plane Tabula, which gives object locations for intuition from the subjects in abstract mathematics. The idealistic philosophy of mathematics tries to deny this to avoid loss of generality of the abstract axiomatic structure of e.g., algebraic rules for linear vector spaces and multiplication of matrices etc. in abstract development of a further structure. The problem of the isolated academic development of mathematics, especially in the 20th century, is that high priest mathematicians try all they can to hide all the connection and inherency that it has to Nature. By this method they gain a kind of elite status in their ivory tower, and their zealous religion of mystery to avoid the application of their results makes them exclusive.

An updated philosophy for the foundation of making the science of physics is needed. Immanuel Kant found that space and time were an a priori transcendental for our intuition by the reason that these were the concept by which we experience Nature. Now the question is: Have you seen the light? The light that brings us information about the world. We now know that light information is a *null line* vector of space-time. We cannot see light per se (in itself), we can only see the information it propagates to us. When light propagates transverse to our view, it is invisible, you get no information about light per se.

We now interrupt this epistemology for the enlightenment of Physics.

The author has a hope that the readers of this book are enriched to build their own new ethics for an epistemology for the scientific work of physics.

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