

A natural view of the World in philosophy of science provided by interpretation of the Earth's evolution history

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We are proposing one of the new designs of the World view, which is not science but metaphysics, whereas it is based on the latest scientific understanding on the origin and development of life and its evolution to higher ability of sensing environments, processing of information acquired, and further feedback to itself together with environments. Anthropocentric view is emphasized in designing the World view, since our intellectual ability of understanding the World through science is a result of a particular evolution path with specific cultural history under the specific environmental condition for anthrop. Our intrinsic requirement is to acquire the hopeful view and strategy on the successive survival, or 'ikitsugi', which is identified with a successive continuation of intellectual working to understand the World further.

Our natural World view is designed primarily as consisted of the minimum number of essential factors in a causal space in time domain. Our idea is to choose the three; (A) past, (B) present and (C) future all in a form of question and answer. (A) is how the World has been working on the metaphysical basis, (B) is how the epistemology called science works, and (C) is how we design the future World by incorporating axiology naturalized with science and technology in the society.

(A) is given by summarizing interpretations of the latest 'historical science knowledge' acquired by (B) on the evolution of space (e.g., big bang), coevolution of life and Earth environments, our whole culture including philosophy and science as natural phenomena and also creation of the World view in (A).

(C) shall be our relevant target of 'future science' unifying all of our intellectual activities towards the survival continuation or 'ikitsugi' of intellectual agent for the World in (A) to keep working in a self-reference by feedback.

We have assigned (B) to play a central role in constituting the whole view by interpretation, and the 'ikitsugi' as our hope to be a central dogma. Therefore, the World view proposed here is metaphysical in character, whereas its foundation is placed on science concept and also on real intension of anthrop and its possible successors.

The world view above is not unique since it is based on the supposedly reasonable interpretation of science knowledge beyond its extent. Any alternative goes as a matter of course. A sound world view is expected to possess a potential of wide span including everything. We have presented only a basic framework of the world view alone without any discussion and application to specific subjects in detail in this abstract. However, this view is a result of our intensive exploitation so as to be useful for scientists, philosophers and other professionals in their respective works in detail. Further we intend to make it useful for the people in acquiring the comprehensive and systematic science literacy essential for designing our future society.

We are now working on the description of detailed structures of this world view in each of (A), (B), (C) and their interrelations. Some of them will be presented in detail at the time of JGU meeting. We note several practical utilities of the new world view as exemplified below.

(1) The present World view is designed to provide us with a basic framework of reconstructing the philosophy of science to match with the sense prevailed in working science laboratories.

(2) It will promote a really naturalized attitude in philosophy itself to be adapted to science age. The consequence is the practical and realistic stance towards the axiology substantially naturalized to match with 'future science' for our own future 'ikitsugi'.

(3) Many philosophical concepts and terminology are interpreted or translated into the comprehensive and useful ones for scientists and others by means of this framework of World view.

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