

Overlapping the Facts \ Values In Science

Epistemological Study

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I argue in this paper the deep connection between facts and values in science, this connection has been refused by many modern philosophers of science because the science in their views is free from values. The recent scientific revolutions (Quantum, Molecular Biology, and Computer revolutions) questioned epistemological, methodological, and ethical issues, the result of these issues was the new vision of philosophy of science which I called "The Applied Philosophy of Science" This philosophy asserts the role of normative judgments in accepting or rejecting a hypothesis or a theory.

In conclusion, "Applied philosophy of science" presents many practical solutions to solve the epistemological, methodological and ethical issues which emergent from the progress of science, these solutions based on normative values.