

**Methodological and Non-Methodological Aspects of the Development
of Science as seen from Krystyna Zamiara's Research –
Oriented Perspective**

ABSTRACT. The main purpose of the paper is to present the results of the cognitive research program which was developed by K. Zamiara with respect to the methodology of empirical sciences. The direction of this program is connected with the following question: to what extent does the development of scientific cognition depend on inner methodological factors and how much does this cognition depend on external (social and psychobiological) factors? The inner factors that Zamiara refers to are presented on the example of the dependency between a theory's cognitive status and reductionist practices in science. The influence of external factors is exemplified by J. Piaget's genetic epistemology and by a research-oriented perspective in historical epistemology (historical and social dependencies of the development of scientific cognition). This perspective allows one to evaluate the cognitive value of Piaget's theory.

KEY WORDS: methodology of science, cognition, models of reduction, genetic epistemology, historical epistemology

Barbara Kotowa, Zakład Filozofii Nauki, Instytut Filozofii, Uniwersytet im. Adama Mickiewicza, ul. Szamarzewskiego 89C, 60-568 Poznań, barbara.kotowa@wp.pl