

The ideals and norms of scientific cognition and their methodological function

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Based on the history of natural science and mathematics we reveal the methodological function of the scientific cognition ideals and norms as one of the meaningful regulators for the scientific cognition dynamics and for estimating its results. The study rationally reconstructs the ideals and norms of classical and non-classical science and shows their essential difference.

Keywords: *methodology of science, ideals of scientific cognition, norms of scientific cognition, science, mathematics, dynamics of science, the laws of scientific knowledge development*

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