

# Conclusion

- The range of the main problems of the philosophy of science is quite wide:
  - the scientific criteria and the differences between the scientific knowledge and the unscientific one;
  - logic of the scientific research; structure of the scientific knowledge;
  - mechanisms for generating new knowledge;
  - scientific rationality; patterns of the history of science; interaction of science and culture;
  - science base; value of science; ethos of science, etc.  
All of them are derived from the central problem of the philosophy of science – the problem of growth (development) of the scientific knowledge.
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