

## Contribution of sciences

- Philosophy (428 BC today)
  - Aristotle, induction, logics
- Mathematics (~800 today)
  - Algorithms:
    "Entscheidungsproblem", NP-completeness, Probabilities
- Economy (1776 today)
  - Utility functions, decision
    theory, OR, game theory, MDPs
- Neurosciences (1861 today)
  - Parallel processing, neurons

- Psychology (1879 today)
  - Behavior, cognitive psychology
- Computer (1940 today)
  - Zuse's Zn, OS
- Control theory and Cybernetics (1948 – present)
  - stable systems, max. goal functions
- Linguistics (1957 today)
  - NLP, knowledge representation