The Mind-Body Problem

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Information is information; it is neither matter nor energy.

— Norbert Wiener —

The Ergodic Assumption

Sample A = Sample B

Human Learning violates the Shannon’s assumption of ergodicity!
Three Kinds of Causality

- **weak causality**
  - same causes
  - same effects

- **strong causality**
  - similar causes
  - similar effects

- **chaotic behaviour**
  - similar causes
  - different effects

Body-Mind Problem: Monism

**Materialism**
- La Mettrie
- J. Priestley
- C. Vogt
- J. Smart
- M. Bunge
- R. Sperry

**Idealism**
- Plato
- F. Paulsen
- Berkley
- G. Heymans
- J. Schultz

**Identitism**
- Spinoza
- H. Feigl
- W. Köhler
- P. Carus
- B. Rensch
- T. Fechner

**Physical**
- A
- A'
- b
- b'

**Psychical**
- causes
- effects

**Emergence**
- A → b
- A' → b'

**Reduction**
- a(A) → B
- a'(A') → B'

**Identitism**
- causes
- effects

Body-Mind Problem: Dualism

Interactionism

- Descartes
- J. Neumann
- L. Busse
- J. Seiffert
- G. Pohlenz

Mentalism

- Augustinus
- A. Lasson
- H. Conrad

Epiphenomenalism

- T. Ribot
- H. Maudsley
- C. Broad

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<th>physical</th>
<th>psychical</th>
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Body-Mind Problem: Dualism-2

Occasionalism

L.de La Forge
G.de Cordemoy
A.Geulincx
N.Malebranche

physical causes

A

A'

psychical effects

B

B'

God
Power, Love and Death

Peter Brook's film adaptation of the "Mahabharata"

The Mahabharata is an ancient religious epic of India (composed between about 300 BC and 300 AD).

Scene from "Mahabharata"
© Classica (KirchMedia)
Power, Love and Death: Relationships

This is what we have

This is what we want to have