

FREEDOM - AS THE OPPOSITE OF COMPELSION

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Df. 1. Let $s \in S$ be a system. Then s is said to be bound to its environment, or under compulsion, iff ~~$s \in A$, where A is~~ ^{an} ~~the~~ class of automata (= causal systems).

Df. 2. A system $s \in S$ is said to be free w.r.t. its environment iff s is not in the class of automata, i.e. if the output of s is not determined uniquely by the inputs jointly with the internal state.

T.O.P.

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