FREEDOMS

DEFINITION 1.   The system x is free from the property or the

state y [e.g. hunger, vice, etc.] iff x does not possess y.

[In short, freedom$_1$ = absence from.]

DEFINITION 2.   The system x is free from the system y iff

y does not act on x. [In short, freedom$_2$ = out of reach, no external

constraint,

There two are the trivial concepts of freedom

DEFINITION 3. The system x is free to do y while in the en-

vironment z iff y is an outcome of the internal states of x

alone (i.e. if the action y is not caused by any environmental

, though it may be supported by the environment,

stimulus but is initiated by x). [I.e. freedom$_3$ = ability to do

start something.]