

System Type: *atis*OpenSystem

(*System type* is part of the metatheory and describes configurations and properties that characterize a specific system.)

Open system, ${}_o\mathfrak{S}$, =_{df} A system that has feedin.

$${}_o\mathfrak{S} =_{df} \mathfrak{S} \mid \mathfrak{S}(\downarrow)$$

Open system is a system; such that, the system has feedin.

Examples: Practically all social systems are open; that is, they all have feedin of some kind. With few exceptions, schools are open systems. Some religious communities attempt to remain closed but are influenced by the society in which they live and are open to some extent.