

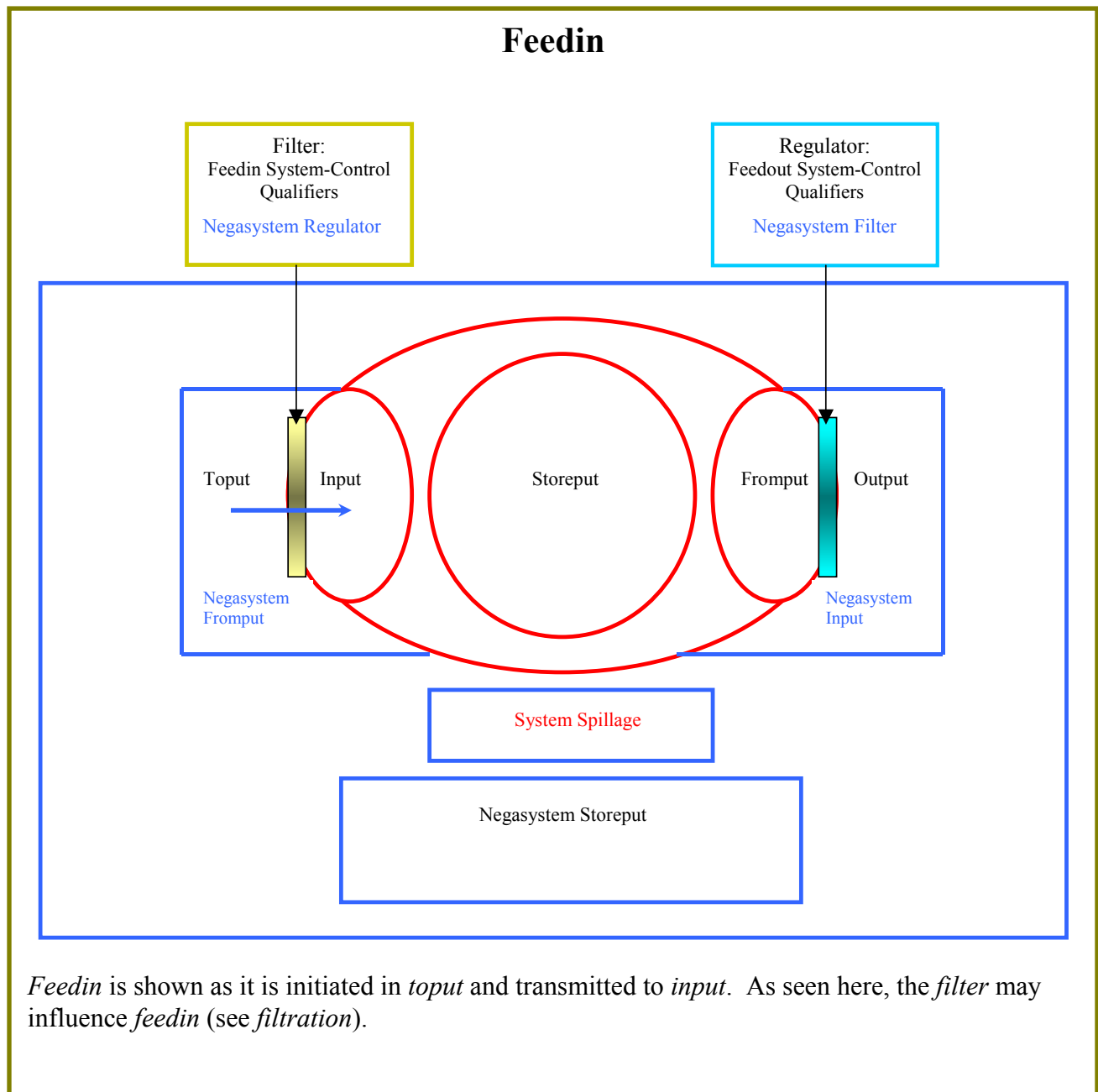
Dynamic System Property: *atis* **Feedinness**

(Dynamic system properties are those properties that are part of the theory and describe patterns in time as change occurs within a system or between a system and its negasystem.)

Feedinness, $f_1(\mathfrak{S})$, =_{df} transmission of *toput* to *input*.

$$f_1(\mathfrak{S}_x) =_{df} \sigma(\mathfrak{S}_x) \mid (\sigma: T_p \times T_p \mathcal{L}C \rightarrow I_p); \text{ that is, } \sigma(x_{T_p}) = x_{I_p}$$

Feedinness is a *system state-transition function*; such that, the state transition is defined from the product of *toput* and the *toput-control qualifiers* to *input*.



Feedin is shown as it is initiated in *toput* and transmitted to *input*. As seen here, the *filter* may influence *feedin* (see *filtration*).