

Dynamic System Property: *atis*Regulationness

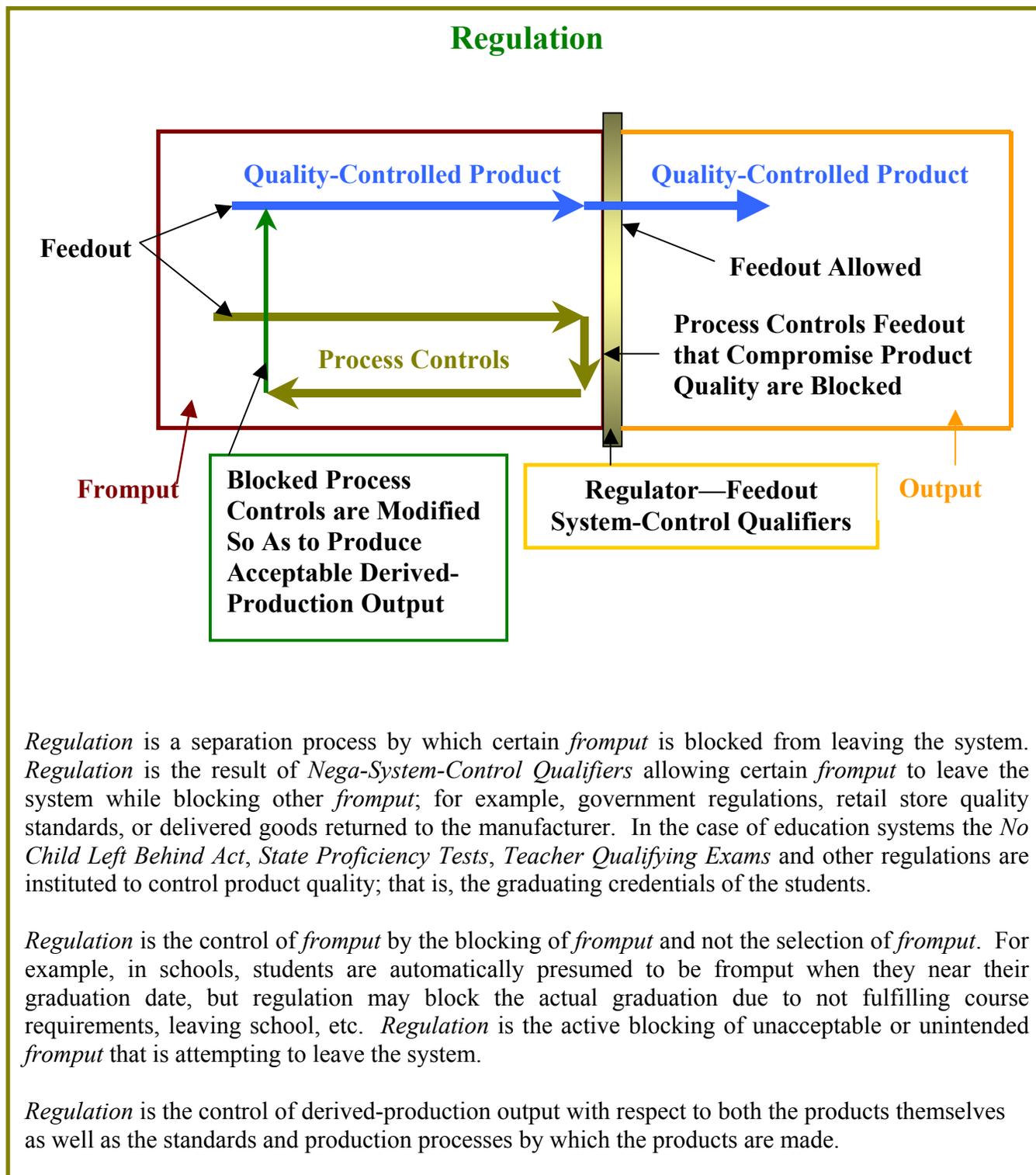
(*Dynamic system properties* are those properties that are part of the theory and describe patterns in time as change occurs within a system or between a system and its negasystem.)

Regulationness, $\mathcal{R}(\mathfrak{S})$, =_{df} the set of fromput system-control qualifiers that control *feedout* and adjust *fromput process controls* to within acceptable limits.

$$\mathcal{R}(\mathfrak{S}) =_{df} \{P(\star) \mid P(\star) \in \mathcal{L}_C \wedge [\Delta \mathcal{B}(\mathfrak{S}')_{t(1) \rightarrow t(2)} \Vdash \mathcal{S}_{t(1)} \equiv \mathcal{S}_{t(2)}]\}$$

Regulationness, is a set of predicates, $P(\star)$; such that, $P(\star)$ is an element of the *control qualifier set*, and a change in negasystem behavior yields an equivalence of system state at time t_1 and t_2 .

A chart explaining **regulation** is shown on the next page.



Regulation is a separation process by which certain *fromput* is blocked from leaving the system. *Regulation* is the result of *Nega-System-Control Qualifiers* allowing certain *fromput* to leave the system while blocking other *fromput*; for example, government regulations, retail store quality standards, or delivered goods returned to the manufacturer. In the case of education systems the *No Child Left Behind Act*, *State Proficiency Tests*, *Teacher Qualifying Exams* and other regulations are instituted to control product quality; that is, the graduating credentials of the students.

Regulation is the control of *fromput* by the blocking of *fromput* and not the selection of *fromput*. For example, in schools, students are automatically presumed to be *fromput* when they near their graduation date, but regulation may block the actual graduation due to not fulfilling course requirements, leaving school, etc. *Regulation* is the active blocking of unacceptable or unintended *fromput* that is attempting to leave the system.

Regulation is the control of derived-production output with respect to both the products themselves as well as the standards and production processes by which the products are made.