State-Space Steering and Propulsion

Let P_t be a probability distribution over states Ω, E its natural evolution, and A_{u_t} the steering operator controlled by u_t:

$$\boxed{P_{t+\Delta t} = E(P_t) + A_{u_t}(P_t)} \qquad \int_\Omega A_{u_t}(P_t)\, d\Omega = 0.$$

For target T and horizon H, propulsion is increased arrival probability:

$$\boxed{\Delta R_T(H) = \Pr(\tau_T \le H \mid u) - \Pr(\tau_T \le H \mid 0) > 0.}$$

This state-space control concept is not prohibited by prevailing science or engineering. Ardentium Group builds and improves devices that steer toward real-world target states. The equations describe state-space propulsion, not the internal computational states of an AI agent.