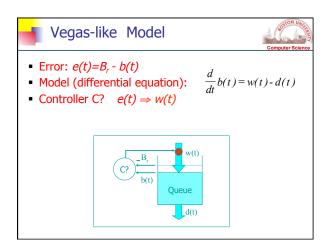
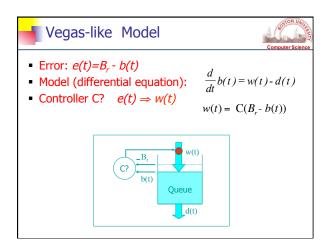


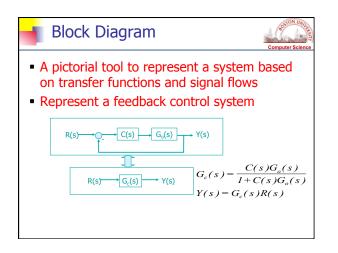
• Convolution $y(t) = g(t) * u(t) = \int g(t - \tau)u(\tau)d\tau$ Y(s) = G(s)U(s)



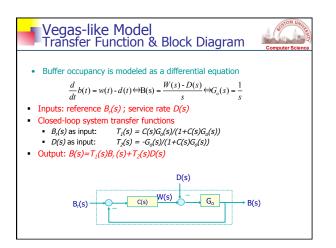




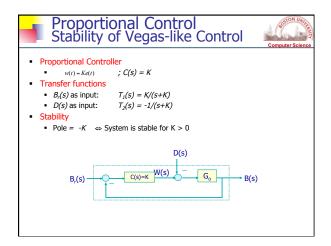














Vegas-like Model (PI controller)
• Error: $e(t)=B_r - b(t)$ • Model (differential equation): $\frac{d}{dt}b(t) = w(t) - d(t)$ • Controller C? $e(t) \Rightarrow w(t)$ $\frac{d}{dt}w(t) = K(B_r - b(t))$
$\begin{array}{c} \hline \\ \hline $



