$$\dot{a}(t) + (x_{l} - \gamma(t)) a(t) = \omega(t) - c(t)$$

$$\dot{a}(t) - (\gamma(t) - \alpha_{l}) a(t) = \omega(t) - c(t)$$
Theoremal fakto:
$$e^{-\int_{t_{0}}^{t} (\gamma(s) - \alpha_{l}) ds}$$

 $ae^{-\int_{t_0}^{t} (x(s)-\alpha_c)ds} =$

 $\int_{0}^{t} (w(s) - c(s)) e^{-\int_{0}^{s} (\tau(\overline{c}) - \lambda_{L}) d\overline{c}} ds$

 $= | \alpha(t) = \alpha_0 e^{\int_0^t (-(s) - \alpha_L) ds}$ $+ e + \int_{0}^{t} (x(s) - \alpha_{L}) ds \int_{0}^{t} (\omega(s) - c(s)) e^{-\int_{0}^{s} (x(\tau) - \alpha_{L}) d\tau} ds$

 $a(t_0) = a_0 \in \mathbb{R}$

a(t)e-1, (1(s)-21)ds + 1 c(s)e +, (1) dt ds

 $= \alpha_0 + \int_{+}^{t} \omega(s) e^{-t} \int_{-\infty}^{s} (\alpha(\tau) - \alpha_c) d\tau ds$