

$$x_c(t) = \xi_\chi(\tau) + \left((12 \mu \square \sigma^{-1})(\tau - \tau_1) - (1 \mu \square \sigma^3)(\tau - \tau_1)^3 \right) \Big|_{\tau_1}^{\tau} ; \quad 1 \sigma < \tau < \tau_2$$