

May 20, 2019

Eric,

Regarding initial conditions. How about

– Delete equation (7) and let the sentence read “As such, this system must be complemented by suitable initial conditions.”

– rewrite sentence above (37) and eqn (37) as: “in which $\ell(t)$ and $\sigma(t)$ are sought under initial conditions

$$\ell(0) = x_1(0) - x_0(0), \quad \sigma(0) = W' \left(\frac{Y_1(0) - Y_0}{x_1(0) - x_0(0)} \right), \quad (1)$$

and under the constraint $\ell > 0$ which is equivalent to $\sigma < \sigma_{\max}$.

Rohan