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Discussions of singularity public of Ix7

at K=t, there is no such a term I'll Nevertheless, our purposed algorithm stru wires. This is to passe $S_t = -\overline{L}_t^{**}$, evel $T_t = -\overline{L}_t^{**}$.

 $\left(*. p.s. \text{ for } k < t, S_k = \overline{L}_{\kappa}^{\kappa \eta} (\overline{L}_{\kappa}^{\eta \eta})^{\frac{1}{2}} \overline{L}_{\kappa}^{\eta \gamma} - \overline{L}_{\kappa \theta}^{\kappa \eta}, T_{\kappa} = \overline{L}_{\kappa}^{\kappa \eta} (\overline{L}_{\kappa}^{\eta \eta})^{\frac{1}{2}} \overline{L}_{\kappa}^{\eta \theta} - \overline{L}_{\kappa}^{\kappa \eta} \right)$

Original KKT conditions become:

 $\nabla_{\mathcal{E}_{t}} \mathcal{L} = \lambda_{t-1} - \mathcal{H}_{t}^{\mathsf{T}} \mathcal{R}_{t} \left(\mathcal{Y}_{t} - \mathcal{h} \left(\hat{\mathcal{E}}_{t(t)} \right) \right) = 0 \quad \text{as} \quad \mathcal{U}_{t} = 0$

 $\frac{d \nabla_{xt} L}{d \theta} = \frac{\partial \lambda_{t-1}}{\partial \theta} + \frac{\partial \nabla_{xt} L}{\partial \hat{\chi}_{t+1}} \cdot \frac{\partial \hat{\chi}_{t+1}}{\partial \theta} + \frac{\partial \nabla_{xt} L}{\partial \theta} = 0.$ 1 Lt Xtit Lt

=> /4-1 = - Lt /41+ - Lt

Comparing uson the second step of Lemma 2.

where $\hat{X}_{t+t}^{kF} = \hat{X}_{t+t}$,

we can have: $St = -\frac{2x}{Lt}$, $T_t = -\frac{x\theta}{Lt}$. # This completes the proof.)