Modification is included, in the start $(Y_t)_{t \in T}$ ($(X_t)_{t \in T}$) $(X_t)_{t \in T}$ $(X_$

 $Xt = \mathcal{L} \mathcal{J}_{i}|V_{i}|$ $Y_{t} = \mathcal{L} \mathcal{J}_{i}V_{i}$

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 $E[X_{t}] = \underbrace{E[Y_{t}]} = \underbrace{E$

 $\frac{1}{3!} \left[\frac{1}{5!} \left(\frac{1}{1!} \frac{1}{1!} \right)^{2} \right] = \frac{1}{5!} \left[\frac{1}{5!} \left(\frac{1}{1!} \frac{1}{1!} \right)^{2} \right] = \frac{1}{5!} \left[\frac{1}{5!} \frac{1}{5!$

a70, b<0 $(|a|-|b|)^2$ $(a-b)^2 = (|a|-|b|)^2 < (a-b)^2$ a(a,b). $(|a|-|b|)^{2} = (|a|-|b|)^{2} = (|$ ار انیار ایرا ایرا ایرا اوران میر میرانی برای ایرانی ایرانی میرانی برای ایرانی ایران $E[\Sigma g_{i}^{2}(|V_{i}-I\hat{V}_{i}|)^{2}] < \Sigma E[g_{i}^{2}]||V_{i}-\hat{V}_{i}||^{2}$ $= \sum_{i=1}^{n} \left[\sum_{i=1}^{n} \left(X_{t} - X_{5} \right)^{2} \right] \leq \sum_{i=1}^{n} \left| V_{i} - \widehat{V}_{i} \right|^{2}$
$$\begin{split} & = \left[(Y_{t} - Y_{s})^{2} \right] = \left[\left[\left[\sum g_{i} (V_{i} - \hat{V}_{i}) \right]^{2} \right] \\ & = \left[\sum g_{i}^{2} (V_{i} - \hat{V}_{i})^{2} \right] = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum g_{i}^{2} (V_{i} - \hat{V}_{i})^{2} \right] = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right] \\ & = \left[\sum ||V_{i} - \hat{V}_{i}||^{2} \right]$$
: //) Jein/ $= \sum \left[\left(X_{t} - Y_{s} \right)^{2} \right] \leq \left[\left(Y_{t} - Y_{s} \right)^{2} \right]$ = E[SUP Xt] < E[SUP Yt] > E[sup [gilvi]] < E[sup [givi]] & Proof complet

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