Errata for

Dynamic Hedging of Foreign Exchange Risk using Stochastic Model Predictive Control

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The second matrix transposes applied to the first two expressions in (15), namely $\mathbf{H}^T \mathbf{\Delta} \mathbf{H}^T$ and $(\mathbf{\Upsilon}^T \mathbf{H} + \mathbf{\Upsilon}^T \mathbf{F} + X_0)^T \mathbf{\Delta} (\mathbf{\Upsilon}^T \mathbf{H} + \mathbf{\Upsilon}^T \mathbf{F} + X_0)^T$, are erroneous. The correct equation is:

$$J = \mathbb{E} \Big[\mathbf{H}^{T} \mathbf{\Delta} \mathbf{H} + (\mathbf{\Upsilon}^{T} \mathbf{H} + \mathbf{\Upsilon}^{T} \mathbf{F} + X_{0})^{T} \mathbf{\Delta} (\mathbf{\Upsilon}^{T} \mathbf{H} + \mathbf{\Upsilon}^{T} \mathbf{F} + X_{0}) \Big] + \lambda \operatorname{Var} \Big[(\mathbf{\Upsilon} X_{0} + \mathbf{\Psi} \mathbf{H} + \mathbf{\Psi} \mathbf{F})^{T} \mathbf{R} \Big]$$
(15)