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# <section-header>

 $(\hat{A}^{+} - A)\mathbf{F} = [A_{T} - B_{T}\mathbf{C}_{T}]D_{T}^{-1}\mathbf{F'F} \qquad \begin{array}{l} \textit{Editor:} \\ \textit{Peter C.B. Phillips} \\ \textit{Yale University} \end{array}$ 

$$\boldsymbol{\beta}' \boldsymbol{y}_t = \boldsymbol{U}_{1t} = \underbrace{\boldsymbol{\beta}' \boldsymbol{\varepsilon}_t}_{\boldsymbol{u}_{1t}} + \underbrace{(-\boldsymbol{G}(\boldsymbol{F}-\boldsymbol{I})\boldsymbol{y}_{2t-1})}_{\boldsymbol{\tilde{u}}_{1t}}$$

 $\beta' \Delta y_t = \Delta U_{1t} = \underbrace{\beta' \Delta \varepsilon_t}_{\Delta u_{1t}} + \underbrace{\left(-G(F-I)^2 y_{2t-2} - G(F-I) \varepsilon_{2t-1}\right)}_{\Delta \tilde{u}_{1t}}$ 

$$T^{-1} \sum_{t=1}^{T} \varepsilon_{t} y_{2t-1}'(I+G'G) \Rightarrow \begin{pmatrix} \Sigma_{11}^{1/2} & \int_{0}^{1} dW_{1} J_{C}' \Sigma_{22}^{1/2} \\ \\ \Sigma_{22}^{1/2} & \int_{0}^{1} dW_{2} J_{C}' \Sigma_{22}^{1/2} \end{pmatrix} (I+G'G)$$
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