A/D ALGORITHM (Cont)

2. Approximate the coupling matrix $\mathbf{C} = \left[\mathbf{s}_i^T \mathbf{P}_{ij} \mathbf{e}\right]$ by computing
   - $\hat{\mathbf{C}} = \left[\hat{\mathbf{s}}_i^T \mathbf{P}_{ij} \mathbf{e}\right]$

3. Estimate the coupling vector $\mathbf{\Pi}^T = [\Pi_1 \quad \Pi_2 \quad \Pi_3]$ with the steady state vector of $\hat{\mathbf{C}}$
   - Solve $\hat{\mathbf{\Pi}}^T = \hat{\mathbf{\Pi}}^T \hat{\mathbf{C}}$ for $\hat{\mathbf{\Pi}}^T = [\hat{\Pi}_1 \quad \hat{\Pi}_2 \quad \hat{\Pi}_3]$

4. Approximate $\mathbf{\Psi}^T = [\Pi_1 \mathbf{s}_1^T \quad \Pi_2 \mathbf{s}_2^T \quad \Pi_3 \mathbf{s}_3^T]$ with
   - $\hat{\mathbf{\Psi}}^T = [\hat{\Pi}_1 \hat{\mathbf{s}}_1^T \quad \hat{\Pi}_2 \hat{\mathbf{s}}_2^T \quad \hat{\Pi}_3 \hat{\mathbf{s}}_3^T]$