Filtros 2 - Complementar Kalman

Wednesday, 4 December 2024

P- Covariance motive

h = halamen gain

continuos halmen equation

$$AP = \begin{bmatrix} 0 & 1 \\ 0 & 0 \end{bmatrix} \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} = \begin{bmatrix} \rho_{21} & \rho_{22} \\ 0 & 0 \end{bmatrix}$$

$$O = \begin{bmatrix} \rho_{21} & \rho_{22} \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{21} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & 0 \\ \rho_{22} & 0 \end{bmatrix} + \begin{bmatrix} \beta_{11} & \rho_{12} \\ \rho_{21} & \rho_{11} & \rho_{12} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{21} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{pmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{22} & \rho_{22} & \rho_{22} \end{bmatrix} + \begin{bmatrix} \rho_{11} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{12} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{12} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{11} & \rho_{12} & \rho_{12} \\ \rho_{12} & \rho_{12} & \rho_{12} \\ \rho_{12} & \rho_{12} & \rho_{12} \\ \rho_{12} & \rho_{12} \\$$

$$\begin{bmatrix}
1 & 0 \\
1 & 1
\end{bmatrix}$$

$$\begin{bmatrix}
1 & 1 \\
1 & 1
\end{bmatrix}$$