

$$\begin{pmatrix}
 \frac{-1+2T}{T} & X_1 & X_2 \\
 P_1 & \frac{-T+T^2}{-1+2T} & \frac{1-T}{-1+2T} \\
 P_2 & \frac{T-T^2}{-1+2T} & \frac{-1+T}{-1+2T}
 \end{pmatrix} h$$