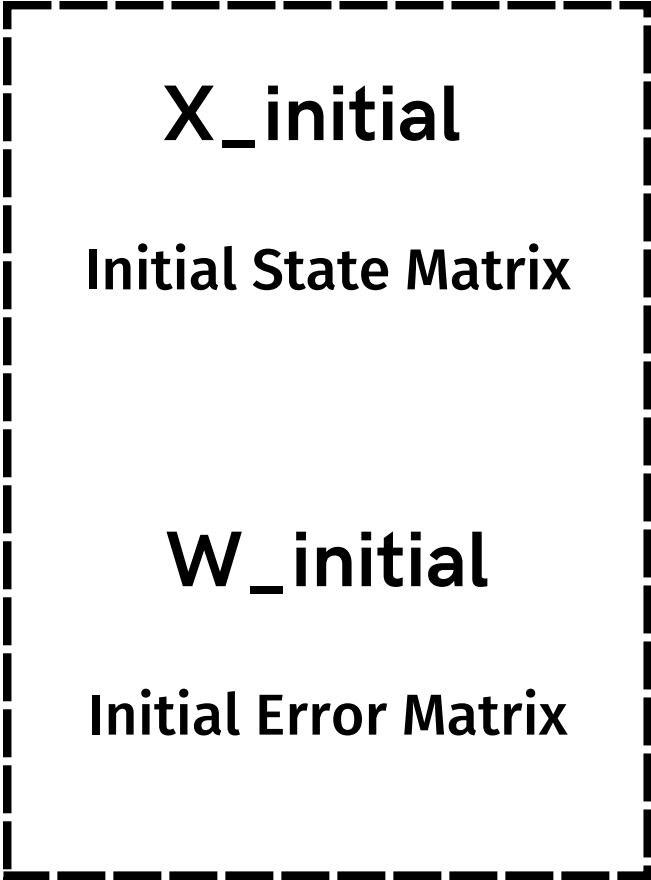


KALMAN FILTER ALGORITHM FLOWCHART FOR IMPLEMENTATION

- VEDANT PALIT

INITIAL CONDITION



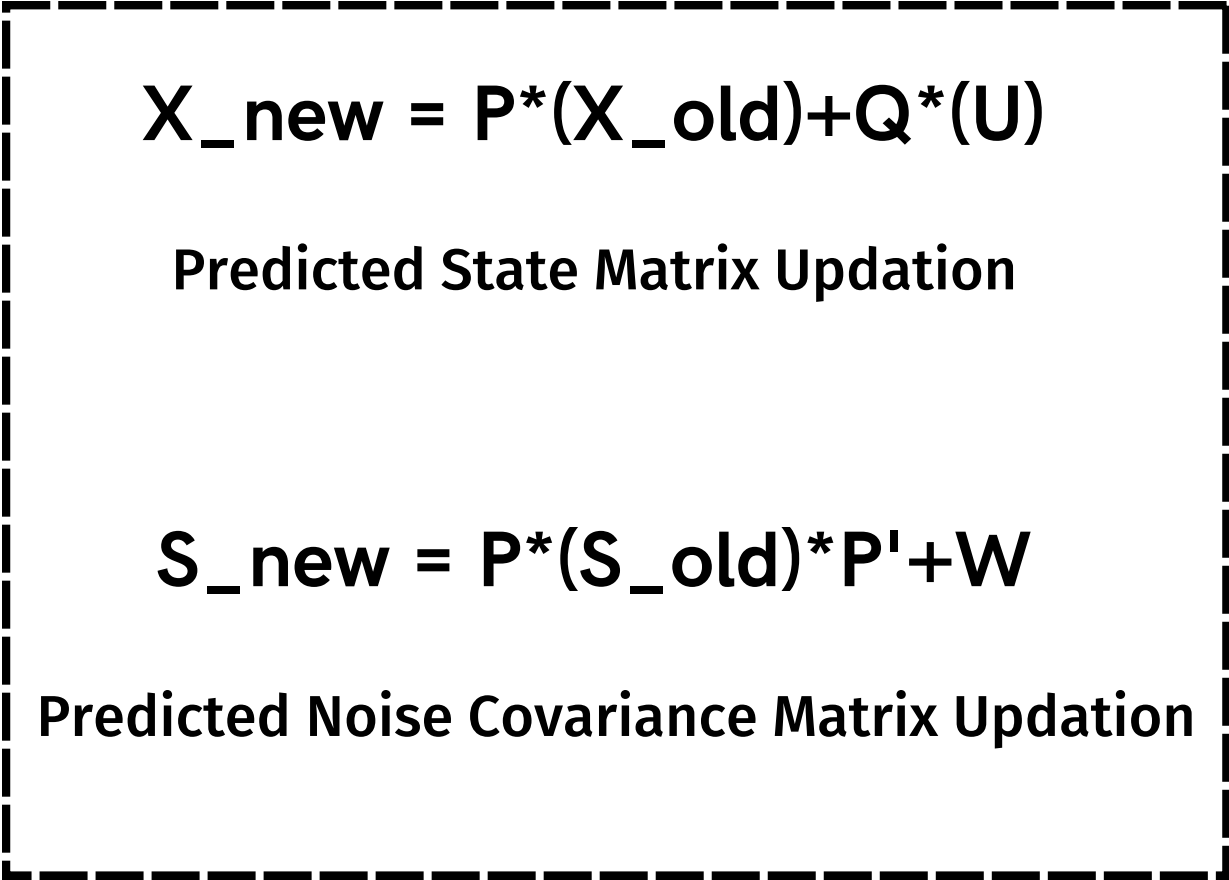
Input into system



$X_old = X_initial$
 $S_old = W_initial$

$X_old = X_final$
 $S_old = S_final$

PREDICTION HALF



**KALMAN FILTER
ALGORITHM**

MEASUREMENT HALF

