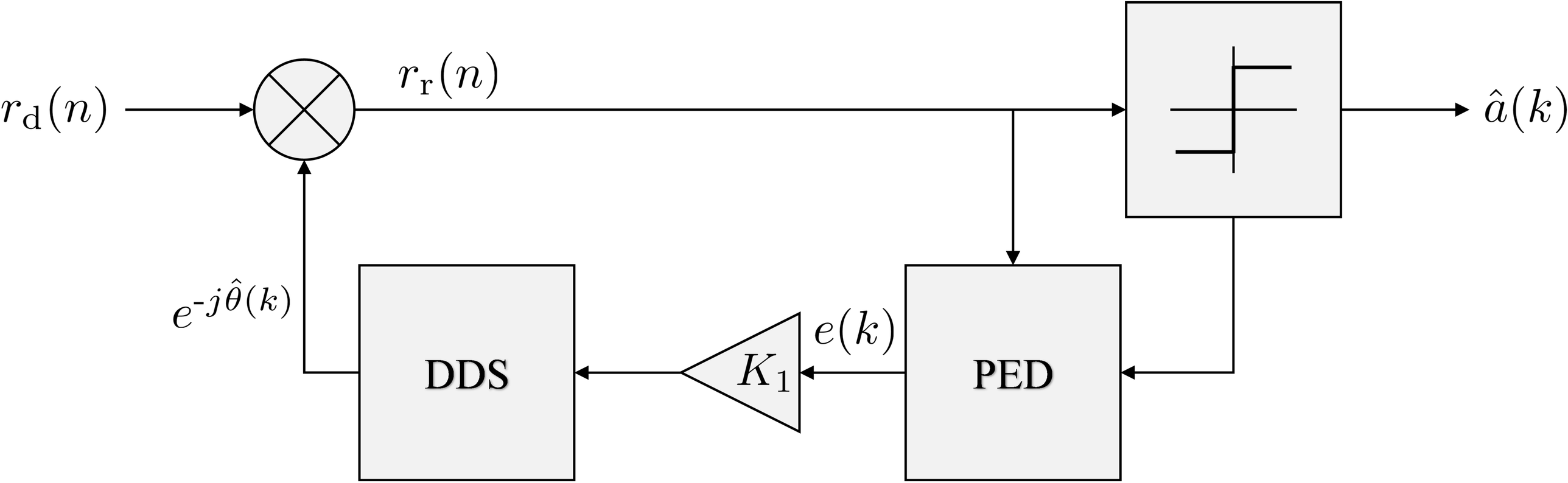

$$\hat{a}(k) = \begin{cases} p(k) & k < L_p + L_{\mathrm{asm}} \\ \mathrm{sgn}(\mathrm{Re}\{r_{\mathrm{r}}(k)\}) & k \geq L_p + L_{\mathrm{asm}} \quad \& \quad k \text{ even} \\ \mathrm{sgn}(\mathrm{Im}\{r_{\mathrm{r}}(k)\}) & k \geq L_p + L_{\mathrm{asm}} \quad \& \quad k \text{ odd} \end{cases}$$

$$e(k) = \begin{cases} 0 & k \text{ even} \\ \hat{a}(k-1)\mathrm{Im}\{r_{\mathrm{r}}(k-1)\} - \hat{a}(k)\mathrm{Re}\{r_{\mathrm{r}}(k)\} & k \text{ odd} \end{cases}$$