pilot

data

unknown data

communiation
channel

pilot

(fed to filter)

AF
active Filter
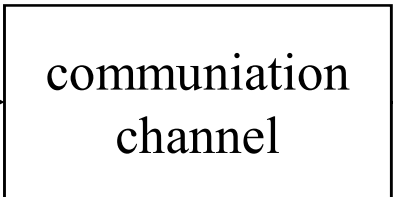
y[n]

$\underline{w}$[n]

(weighting coefficient)

e[n]

Error signal

$-$

$+$