

$$w_0 = 0.5 \left[\begin{array}{c} 1 \\ 0 \end{array} \right] \left[\begin{array}{c} 1 \\ 0 \end{array} \right] \left[\begin{array}{c} 0 \\ 1 \end{array} \right]$$

Filter 1

$$w_0 = 0.4 \left[\begin{array}{c} 1 \\ 0 \end{array} \right] \left[\begin{array}{c} 1 \\ 0 \end{array} \right]$$

Filter 3

