RSS -> CEM] RXX X Rrs hEM] -> SEM] RXX[t] = E[S[m]S[m+n]] Benoulli PXX [0] = 1 KXX[1]=0 1=4 R1x[2]=0 m=4-1 Pxx [8]=0 Rrr [m] = Rdd [m] + Exx [m] RXX [m] = RSS [m] * Rec [m] RSX[m] = RSS [m] * C[m] Rrs = Rxs = Rss * CIm] Rrr = Rdd + Rss * Rcc Rss * Rcc = Rxx $R_{dd} = \sigma^2$ (5,72e of faussian) RC[m] = RHJ[m] + AXX[m] Fir [m] = 02 + RSS[m] * (C[m] * C[-m]) RSr[m] = RSS[m] * C[m] = RXS[m]

Convolution gives length S, trustake the last entry to get length
$$4 = 0$$
 (11.11)

$$\begin{bmatrix}
-4 & 28 & 1.2 & 28 \\
28 & 4 & 28 & 1.2 \\
1.2 & 28 & 4 & 28 \\
28 & 1.2 & 28 & 4
\end{bmatrix}
\begin{bmatrix}
h[0] \\
h[1] \\
h[1] \\
h[2] \\
h[3]
\end{bmatrix}
\begin{bmatrix}
1 \\
2 \\
4 \\
0
\end{bmatrix}$$
Solve for $h Em T$ with a left divide.

$$h - 4 = \begin{bmatrix}
1.7736, 0.4795, -1.2264, -0.5205
\end{bmatrix}$$