vedu ~ R3

x = x, e, + >2 ez + >3 e3

=0 C_1 = \begin{cases} \frac{5^{11}}{5^{11}} \frac{5^{11}}{5^{11}}

Consider the product (transform) (2" Y

= b we can implement the calculation

of Y_k in a can sal way, i.e. $Y_k = \sum_{k=0}^{N-1} Y_{k-k} \, d_{k+1}(x+1)$

If diagonal values of 2' would be idetical (Toeplite structure) wany the 2 kg = 2 kg 1, Arl the filtery apartic would correspond to a time-invariant convolution; otherwise, we have a causal, and time-voicent linear truston.