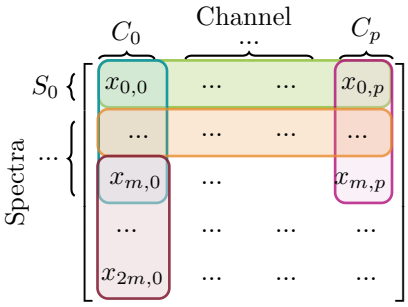
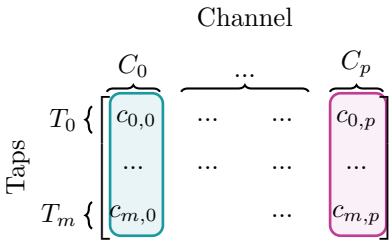
Input

$$[\underbrace{x_0, ..., x_n,}_{\text{Spectra}} \underbrace{x_{n+1}, ..., x_{2n},}_{\text{Spectra}} \; ...]$$

umstrukturierter Input



Filter Koeffizienten



$$y_{0,0} = x_{0,0} \cdot c_{0,0} + ... + x_{m,0} \cdot c_{m,0}$$

$$y_{0,p} = x_{0,p} \cdot c_{0,p} + ... + x_{m,p} \cdot c_{m,p}$$

$$y_{1,0} = x_{m,0} \cdot c_{0,0} + ... + x_{2m,0} \cdot c_{m,0}$$

Output

$$\begin{bmatrix} y_{0,0} & ... & ... & y_{0,p} \\ ... & ... & ... & ... \\ y_{1,0} & ... & ... & ... \end{bmatrix}$$