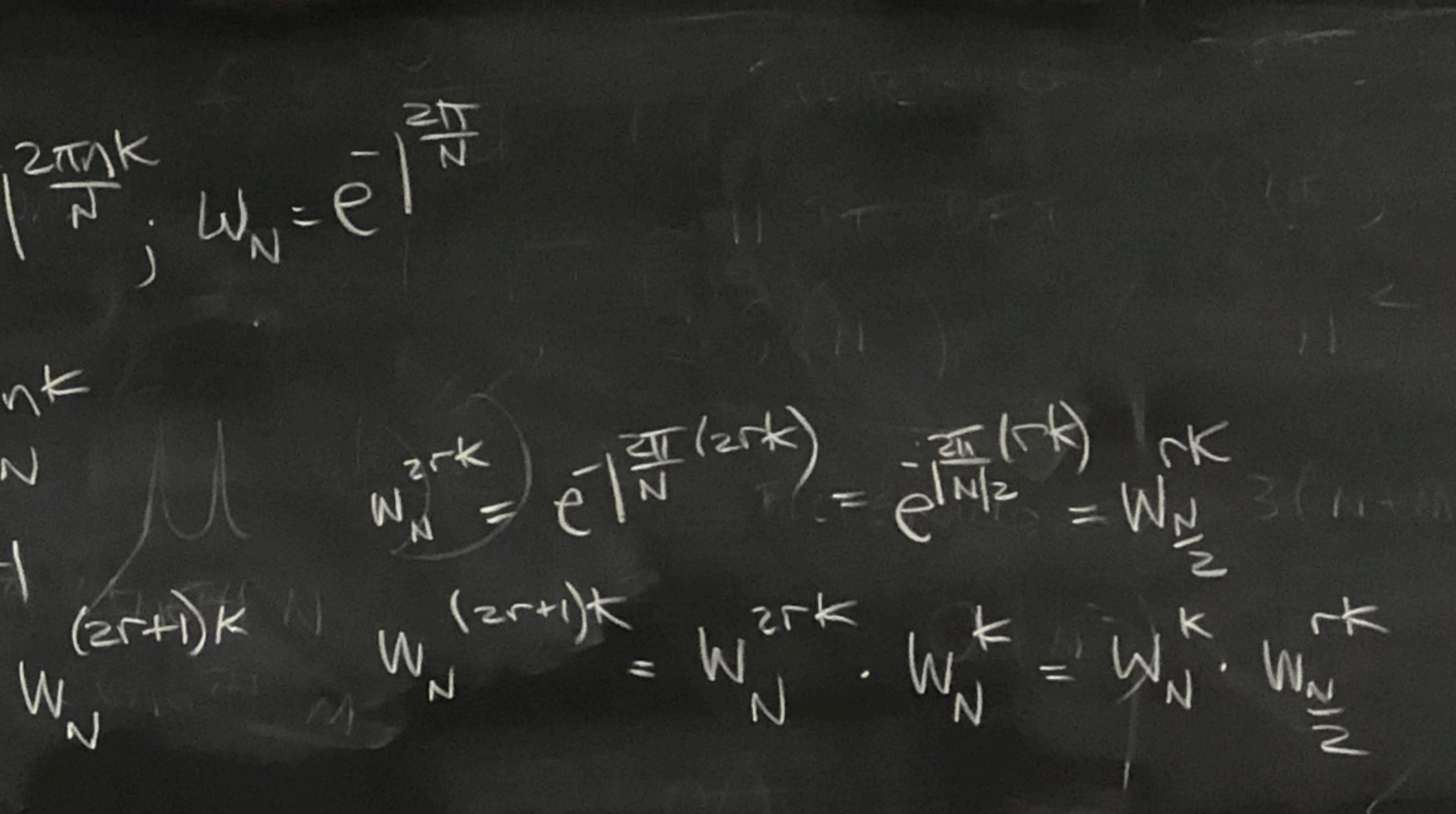
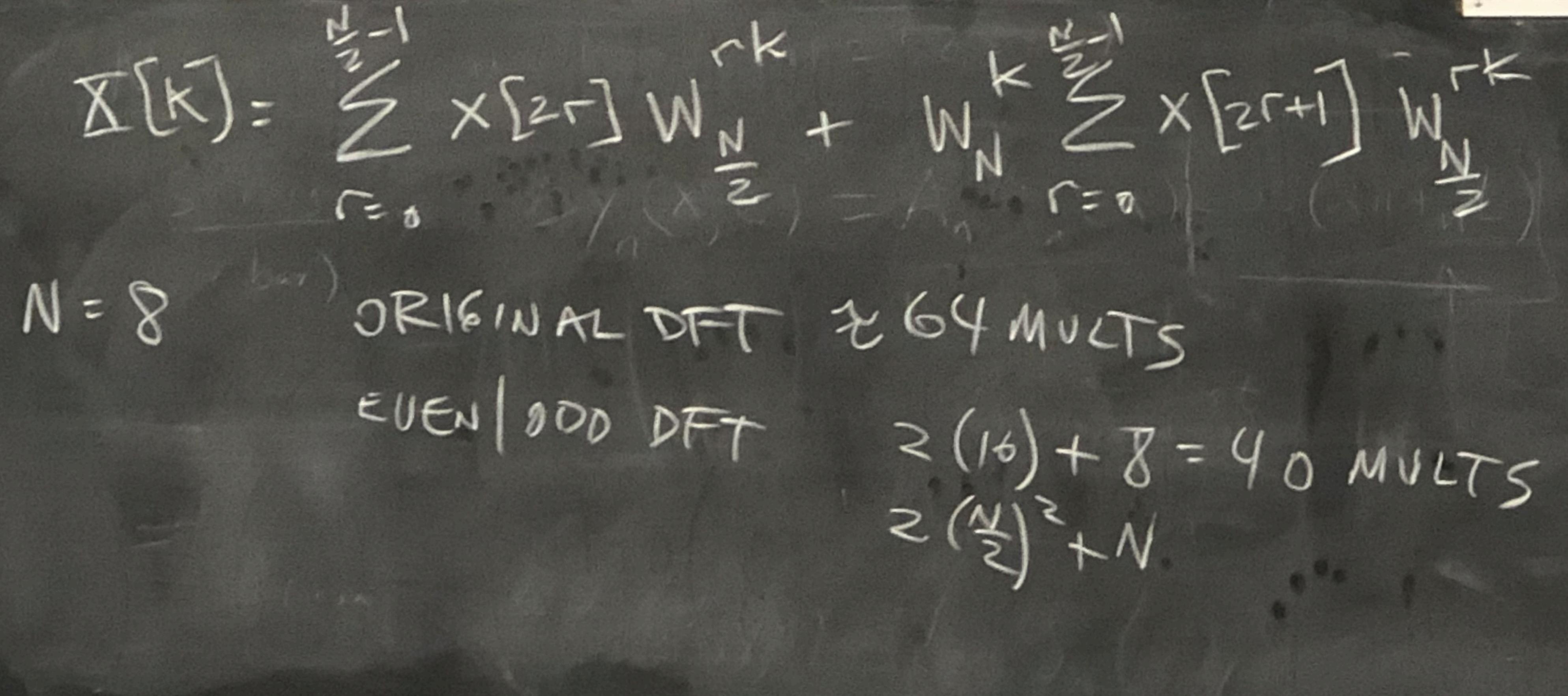


COOLEY- TUKEY DECIMATION IN TIME $\underline{X}(k) = \underbrace{N}_{N=0}^{2} \times (n) W_{N}^{nk} = \underbrace{N}_{N=0}^{2} \times (n) e^{2\pi N k} W_{N} = e^$ = E x(n) WNK + E x(n) WNK N= 8 00DD n Even E = $\frac{M}{2} = \frac{1}{2} \sum_{k=1}^{n=2} \sum_{k=1}^{n$ F=DIJI

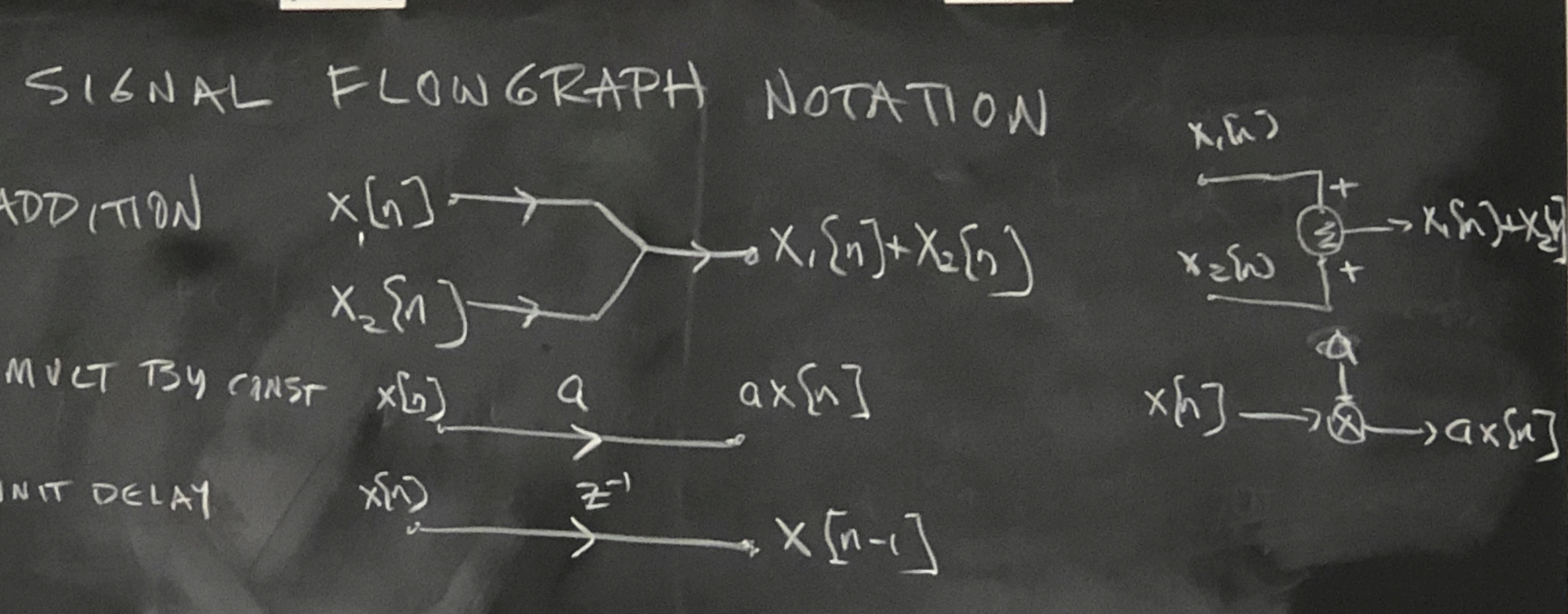


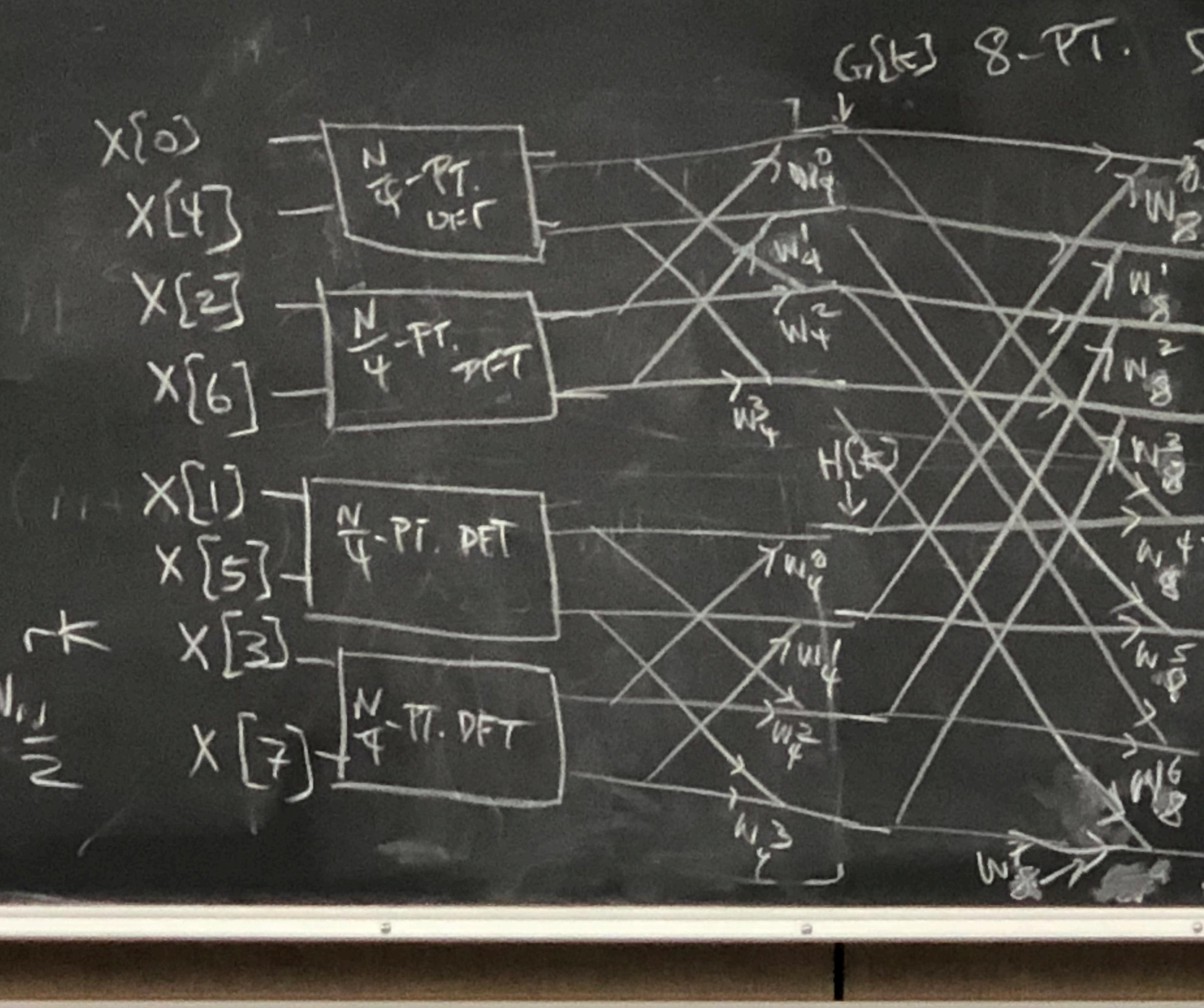


ADD (TION)

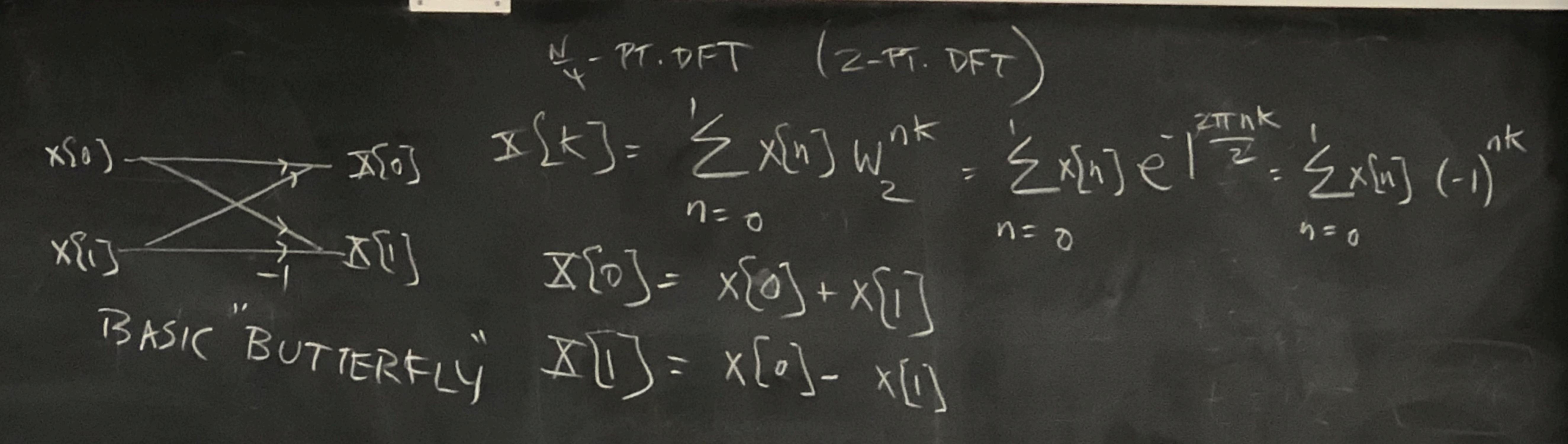
MULT TSY CANSE X6)

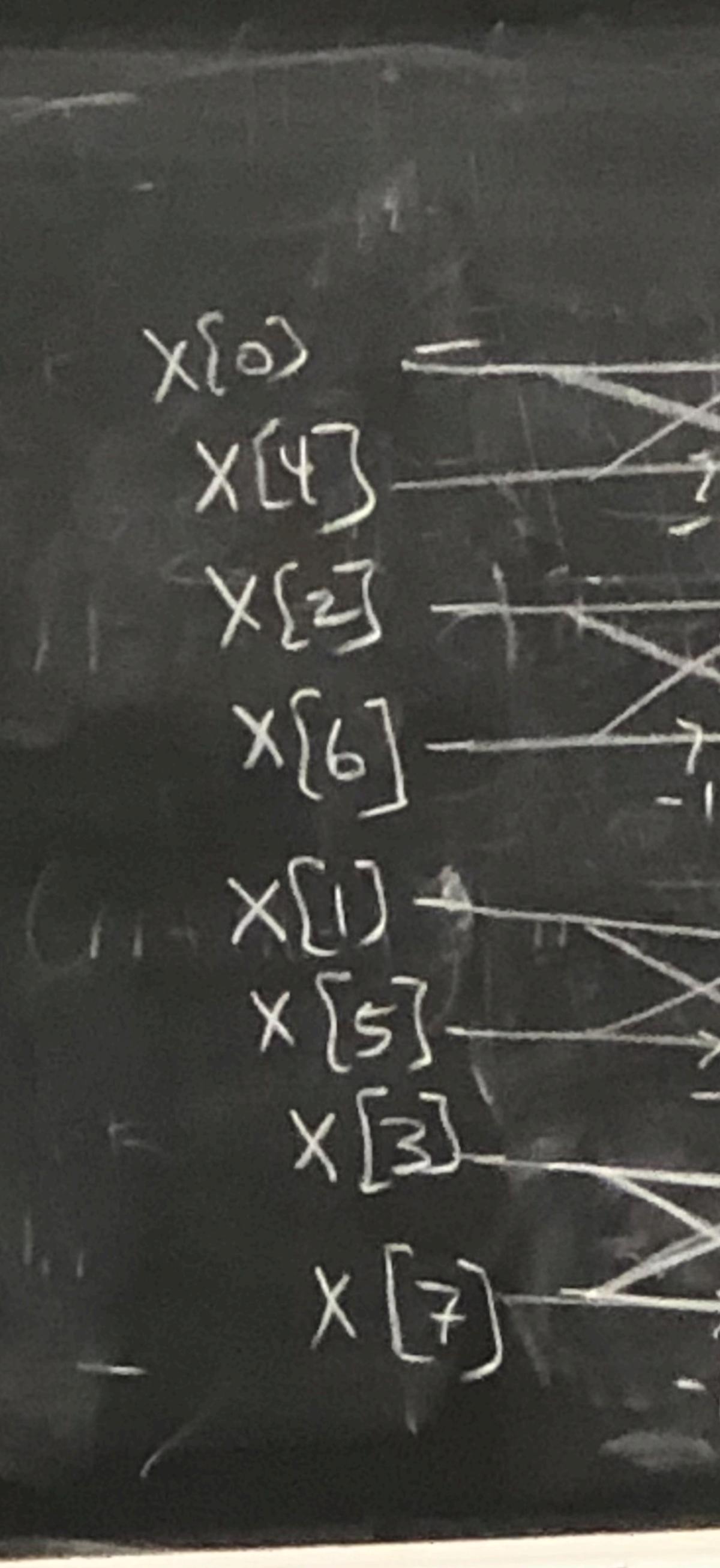
UNIT DELAY





500 517 - (-) 57 T -





Gilles 8-PT. 501 513 57 Δ) 7 W. w184 2 W J 0 7



