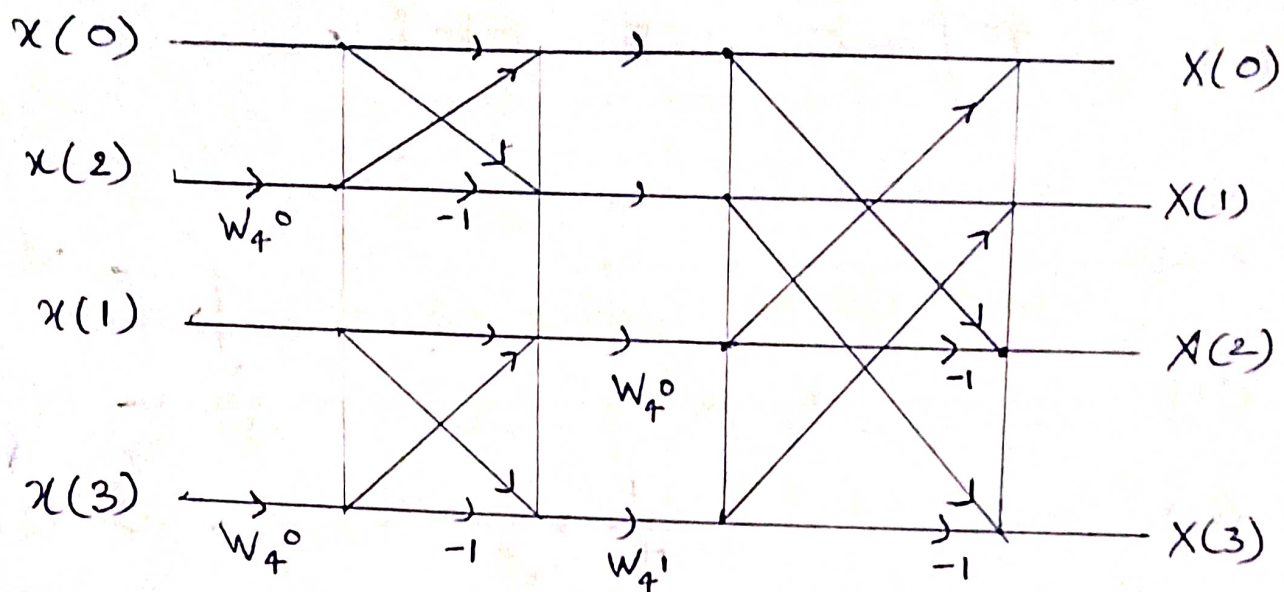
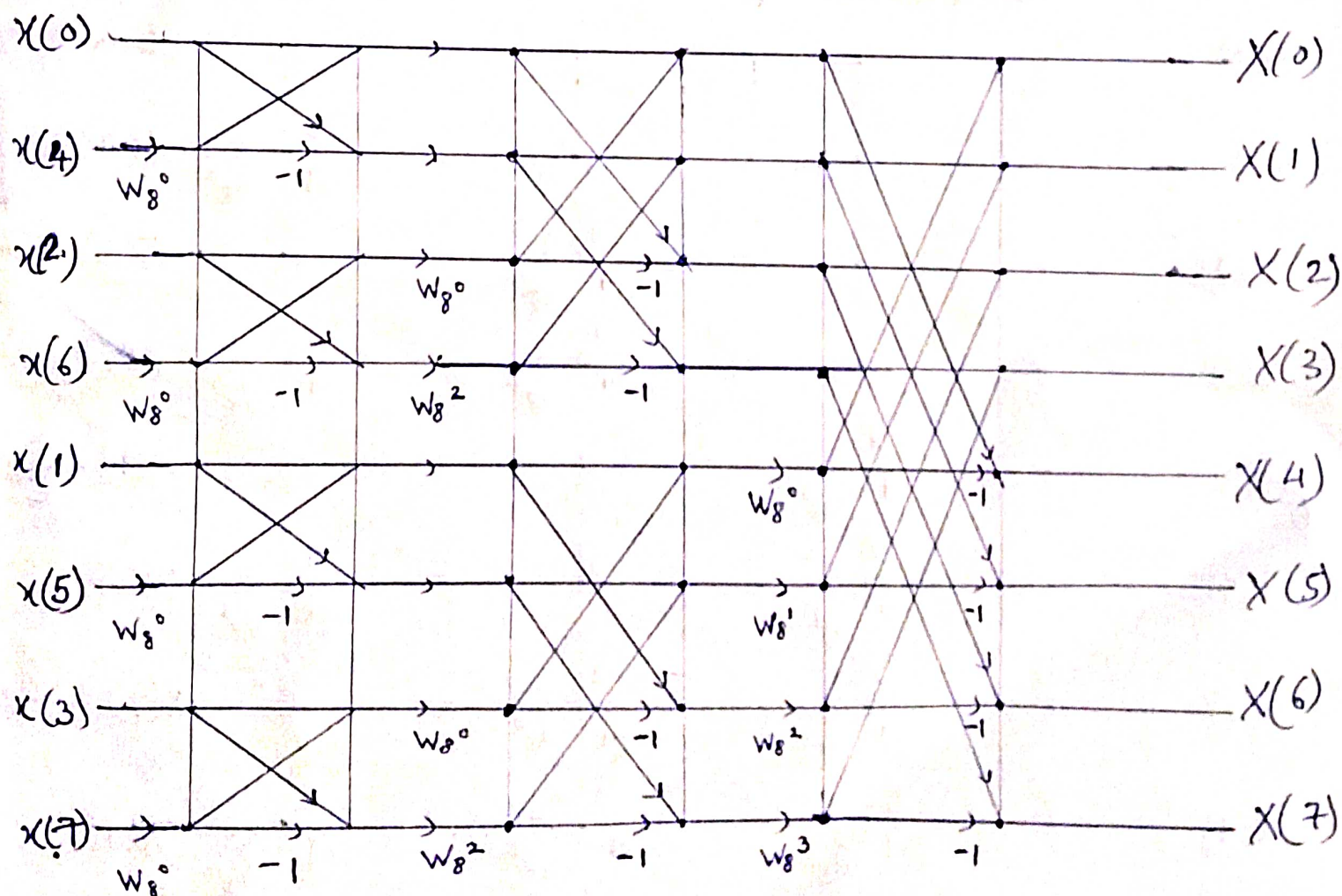


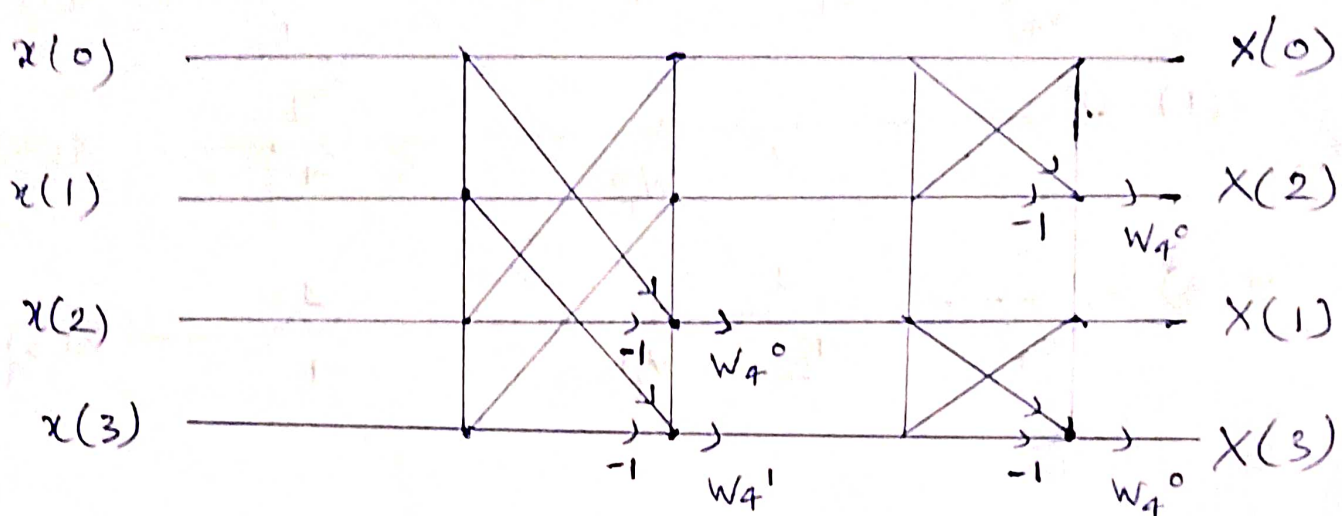
4 Point DIT FFT



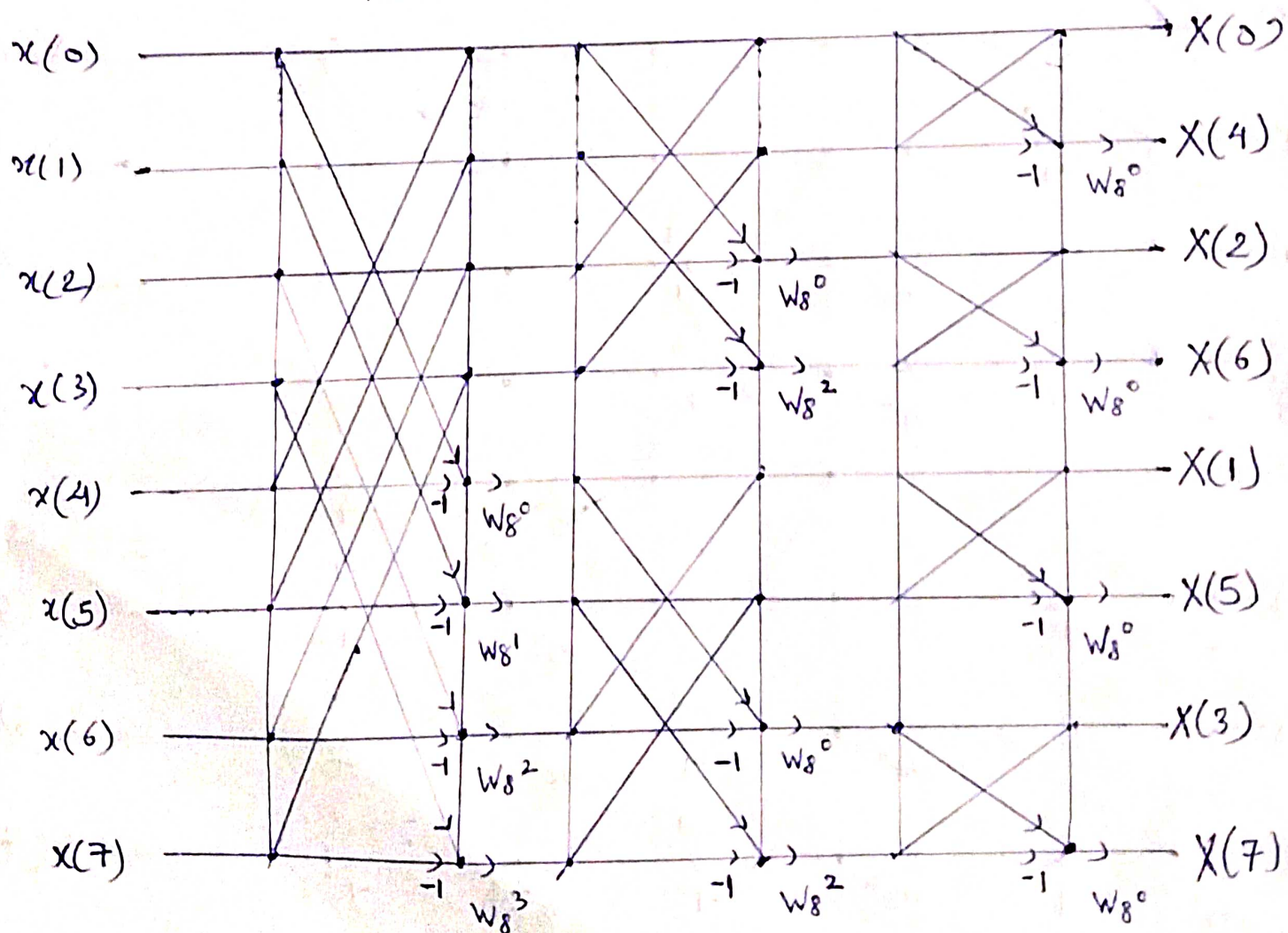
8 Point DIT FFT



4 Point DIF FFT



8 Point DIF FFT



Butterfly diagram of N point (DIT - IFFT)
= Butterfly diagram of N point (DIF - FFT)
+ Replace X with x and x with X +
Multiply each output with $1/N$

Butterfly diagram of N point (DIF - IFFT)
= Butterfly diagram of N point (DIT - FFT)
+ Replace X with x and x with X +
Multiply each output with $1/N$