

FFT 轉換寫成奇跟偶式子;example: y.txt (Table 5.2 in textbook)

"Even" as follows.

$$X[2r] = \sum_{n=0}^{N/2-1} [x(n) + x(n + N/2)] * W_{N/2}^m$$

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"Odd" as follows.

$$X[2r+1] = \sum_{n=0}^{N/2-1} [x(n) - x(n + N/2)] * W_{N/2}^m * W_N^n$$