

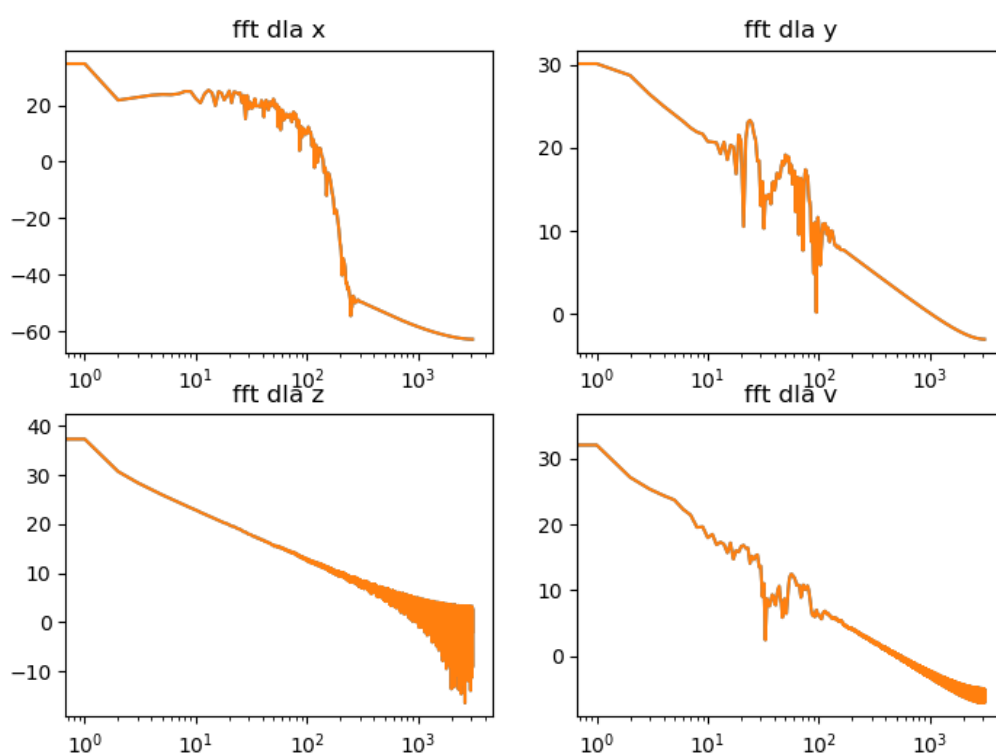
Laboratorium nr. 2 DFT i FFT

Kamil Grabowski

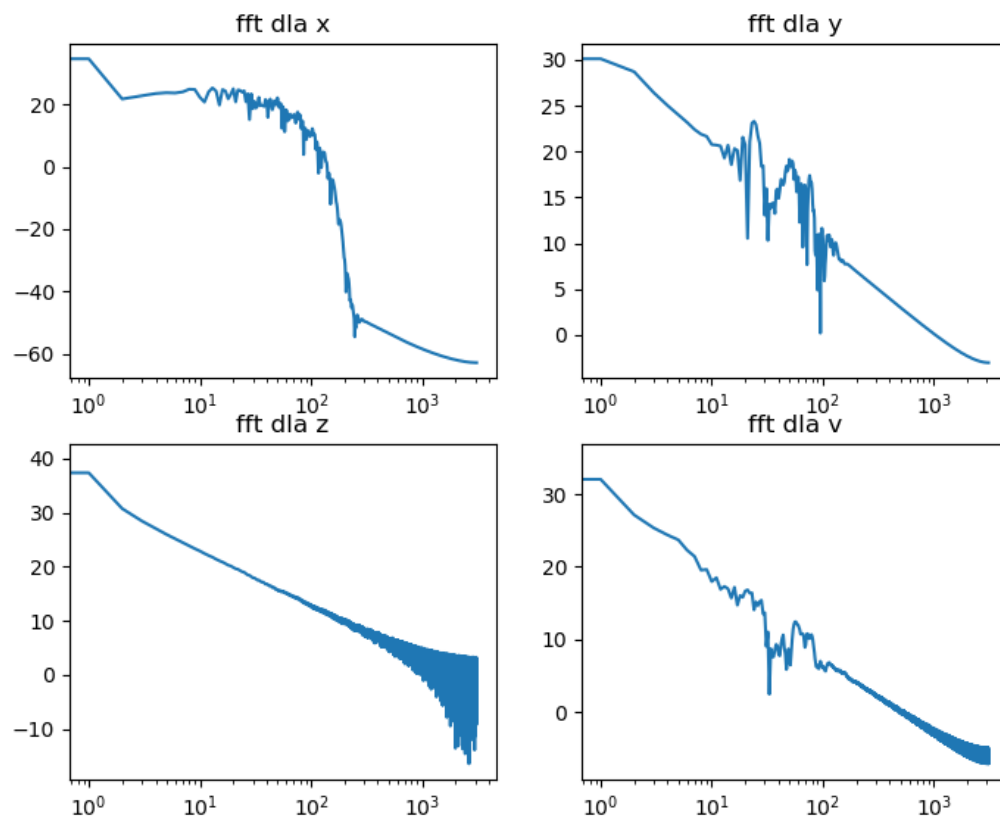
1.Czasy

| Zadanie | Czas dla DFT[s] | Czas dla FFT[s] |
|---------|-----------------|-----------------|
| 1 a | 0:00:18.203938 | 0:00:00.000999 |
| 1b | 0:00:20.091073 | 0:00:00.000999 |
| 1c | 0:00:18.869108 | 0:00:00.000999 |
| 2 | 0:00:19.741429 | 0:00:00.000999 |
| 3 | 0:00:39.275041 | 0:00:00.001001 |
| 4a | 0:01:57.317084 | 0:00:00.002003 |
| 4b | 0:02:03.127135 | 0:00:00.002002 |
| 4c | 0:01:59.252375 | 0:00:00.002001 |

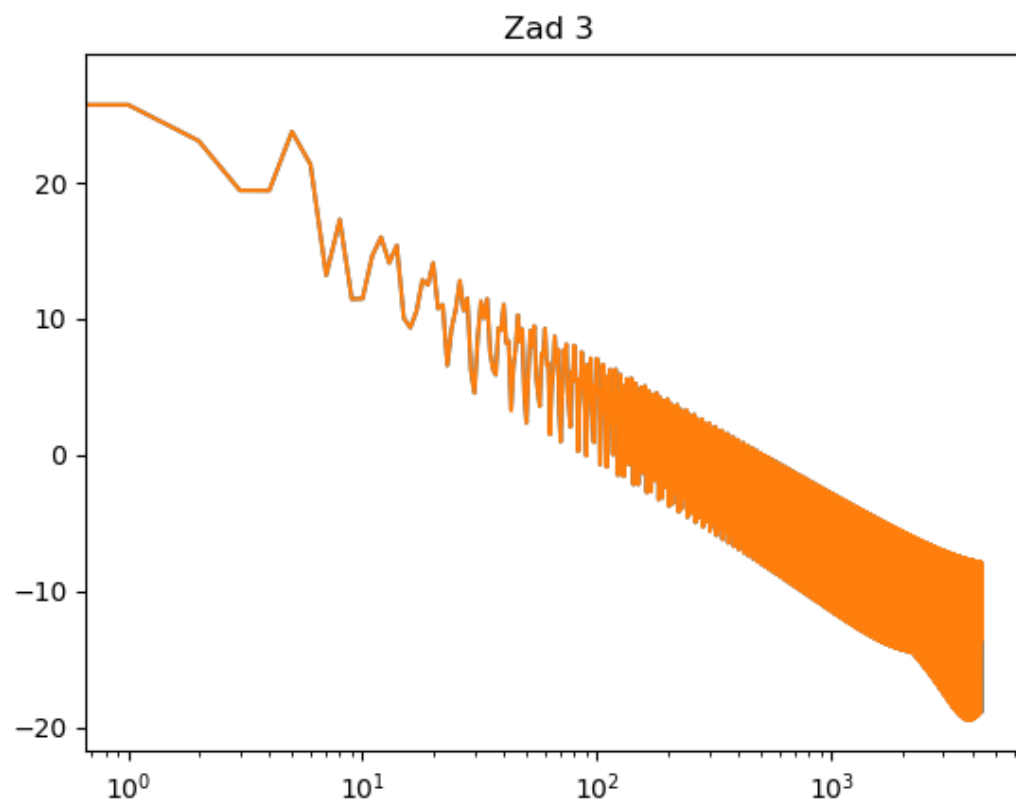
Zadanie 1 i 2 Widma dla DFT(DFT Kolor pomarańczowy porównany od razu z fft)



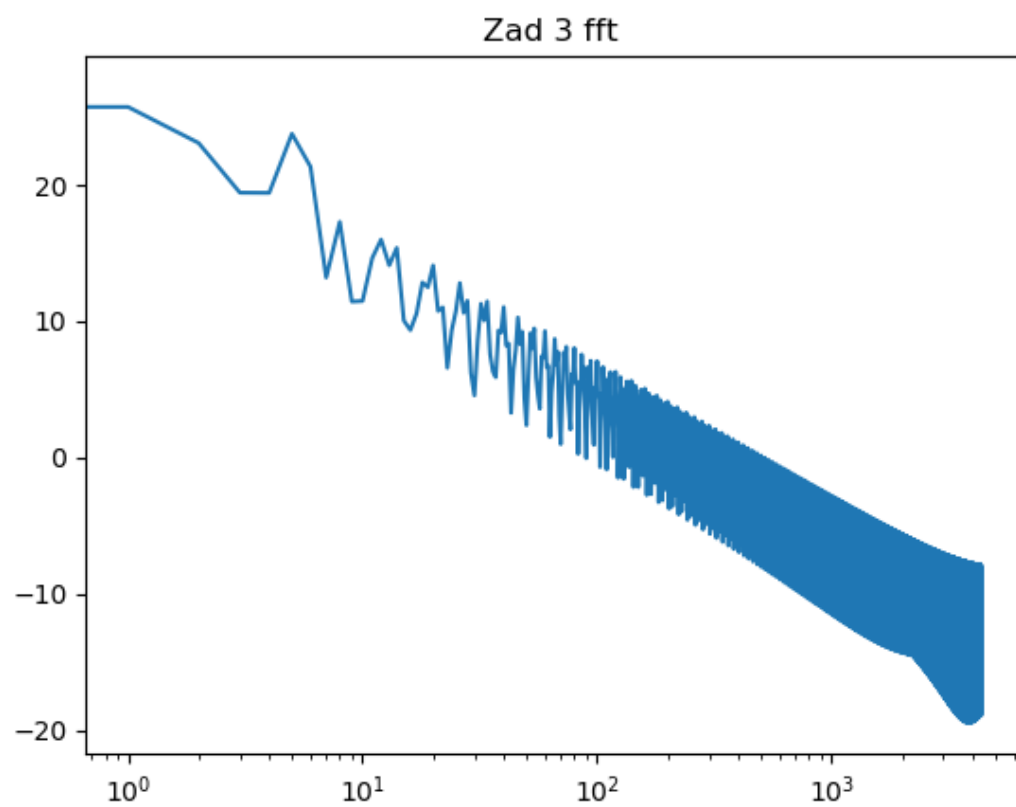
Widmo dla FFT zadanie 1 i 2



Zadanie 3 Widmo dla DFT(od razu porównane z FFT)

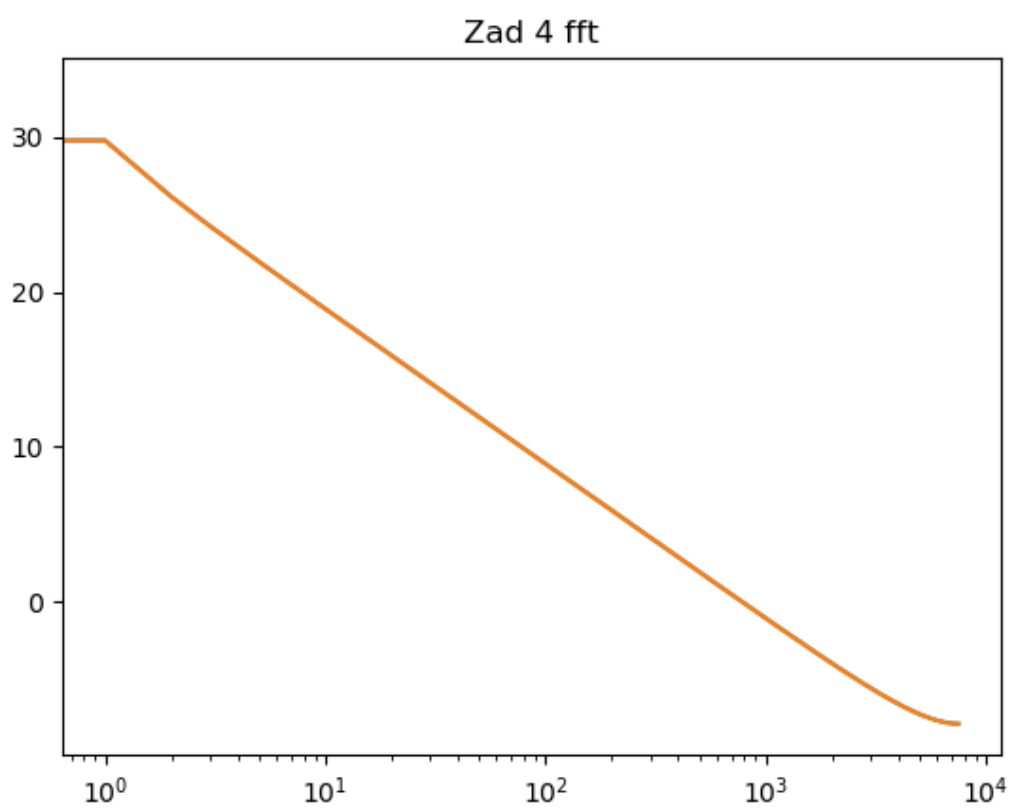


Zadanie 3 Widmo dla FFT

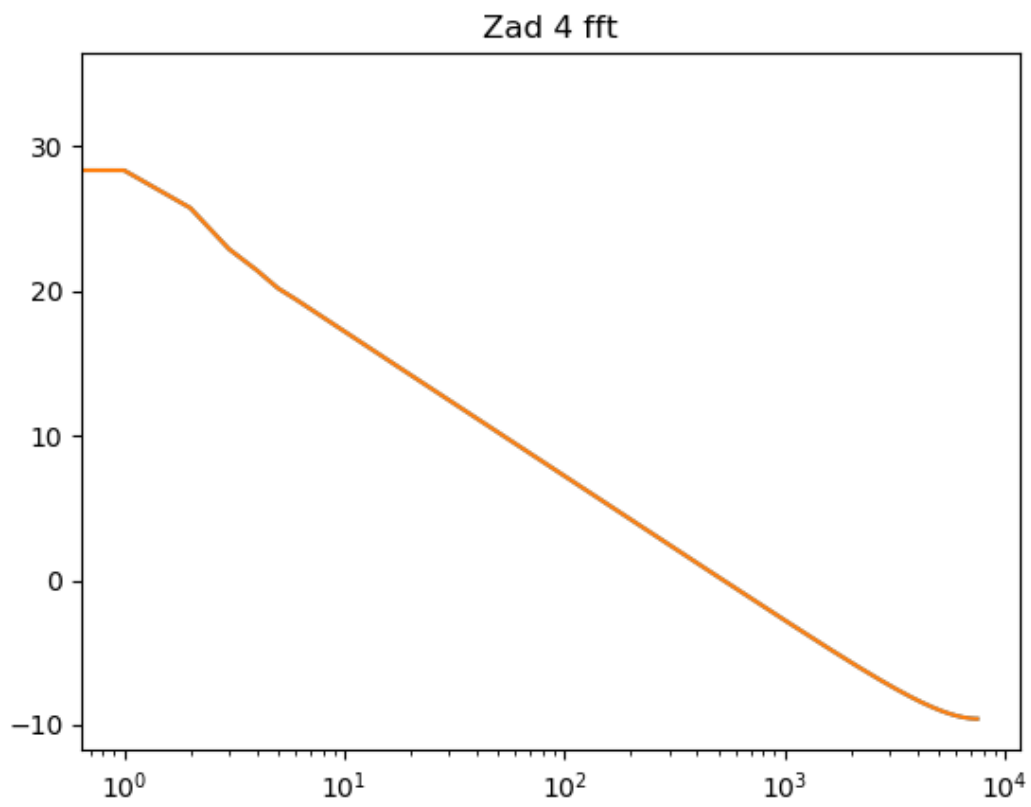


4. Zadanie 4 dla DFT(od razu porównane z FFT)

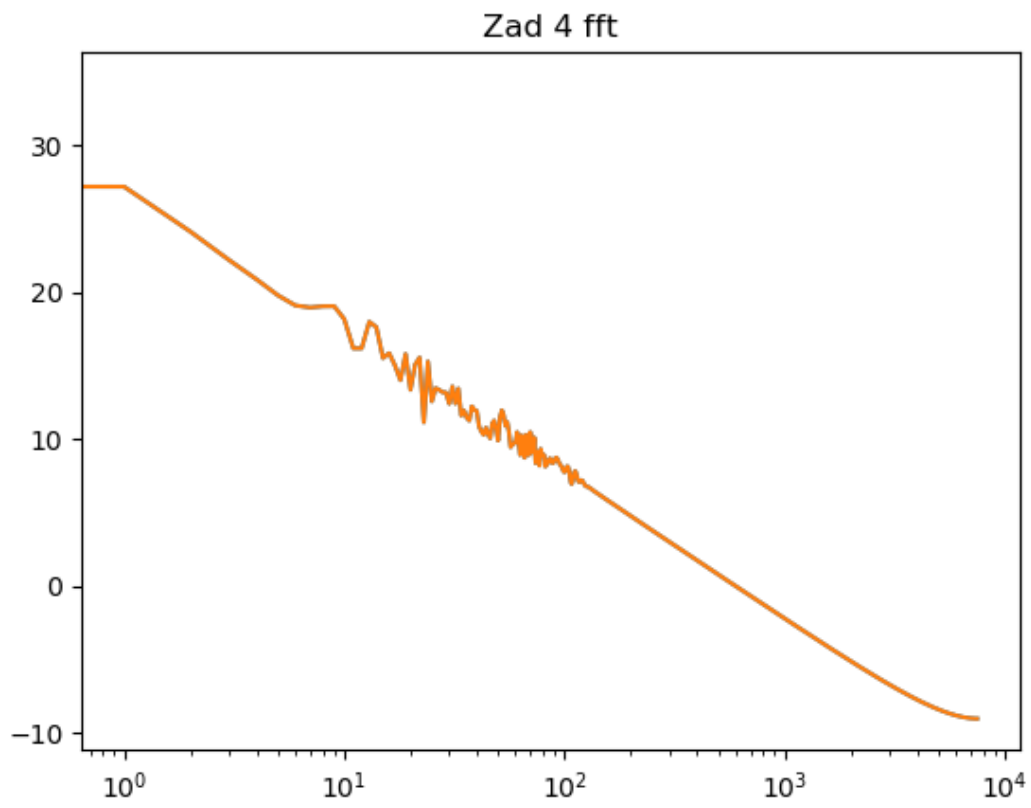
N=2



N=5

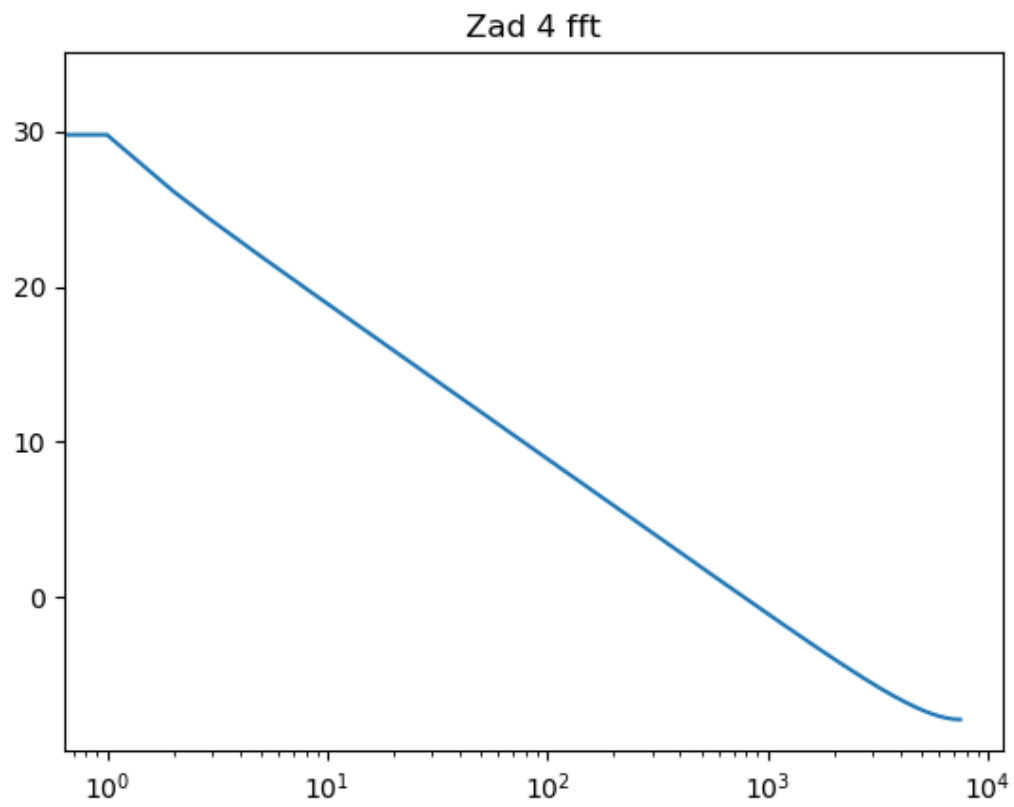


N=25

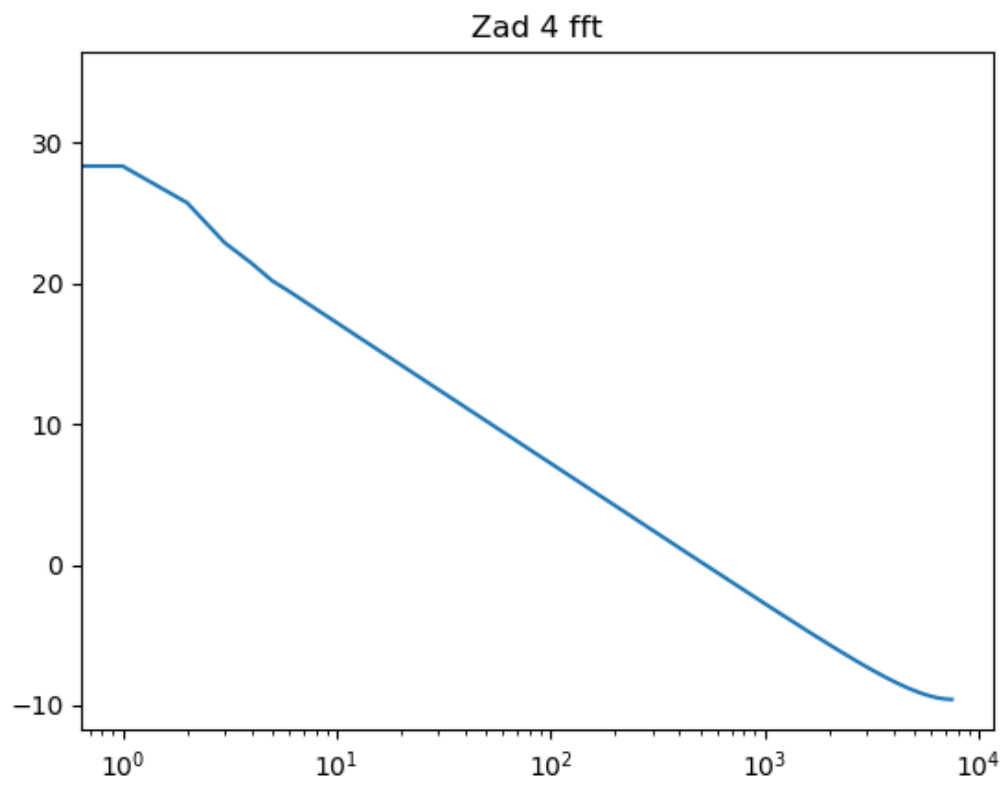


Zadanie 4 dla FFT

N=2



N=5



N=25

