

FFT result

fft_res =

0.0000 + 0.0000i -0.0000 - 4.0000i 0.0000 - 0.0000i 0.0000 - 0.0000i 0.0000 + 0.0000i 0.0000 + 0.0000i 0.0000 + 0.0000i -0.0000 + 4.0000i

a)

FFT result

fft_res =

Columns 1 through 8

-0.0000 + 0.0000i 1.4034 - 3.8559i -0.5477 + 0.6527i -0.4393 + 0.2537i -0.4164 + 0.0734i -0.4164 - 0.0734i -0.4393 - 0.2537i -0.5477 - 0.6527i

b)

Column 9

1.4034 + 3.8559i