

ITU Computer and Informatics Faculty

BLG 354E Signals and Systems for Computer Engineering -2020 Spring

Homework-5 Report

1. My program draws 3 graphs that shows variation of Fourier convolution between the 256-point length audio record samples at three spots of the song (10th, 20th and 30th) and the overall audio record by shifting the 256-point length window.

I calculated three sections' transform data and compared with the original audio in my program.

An example run is given below:

```
Komut İstemi
C:\Users\Burak\Desktop\Signal-Systems\HW5>python "Python code.py" Africa.wav
```

The output of the program:

