



**Yıldız Technical University  
Computer Engineering  
2023-2024 Spring  
BLM3620 Digital Signal Processing  
Homework 3**

**Note: Load the attached files on Matlab workspace using load command as follows**

**>> load sumofthree.mat**

**>> load prodoftwo.mat**

**Question 1)** Three deterministic 2D signals are added and saved with a variable named sumofthree. Using DFT tools, try to recover each component.

**Question 2)** Two deterministic 2D signals are multiplied and saved with a variable named prodoftwo. Using DFT tools, try to recover each component.