## horizontal line

Graphical Simulation of Convolution

By:

Yasaman Mirmohammad

Zahra Dehghanian

Fatameh Derakhshani

Computer And IT Department

Under supervision of

Dr.Rahmati

# Overview

Implementation of a simple simulation for signal processing on convolution as a final project for the signals and systems course, spring 2018.

# Goals

A GUI Based program that calculates the convolution of 2 signals.

# Programming Language

Python Has powerful libraries for Signal processing such as numpy,Scipy, …

So we decided to use the tools for implementation.

# I/O

Sample Demo is available at:

<http://www.fit.vutbr.cz/study/courses/ISS/public/demos/conv/>

output is the visual convolution of 2 signals.