*Prof. Dr. Fahreddin Sadikoglu Mammadov*

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*Courses*

**Online Lecture Notes:**  [**COM457**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/cryptography.html) | [**EE341**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/signals.html) | [**EE429**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/mobile.html) | [**EE430**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/wireless.html) | [**EE461**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/dsp.html)

**EE461 Digital Signal Processing**

[Course Description](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/dsp_description.pdf)

  Lecture Notes

[**Z - Transform and its Application in DSP**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/signal_chp6.pdf)

[**Sampling of Signals**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/signal_chp5.pdf)

[**Discrete Time Systems**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/signal_dtss1.pdf)

[**Design of Analog Filters**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/signal_chp4.pdf)

[**Design of FIR Filterts**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/dsp_fir.pdf)

[**Desing of IIR Filters**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/dsp_iir.pdf)

[**Multirate DSP**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/dsp_multirate.pdf)

[**Adaptive Filters**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/dsp_adaptive.pdf)

[**Homework 1**](https://web.archive.org/web/20140407192849/http:/staff.neu.edu.tr/~fahri/signal_homework1.pdf)