## Topic: DFT, FFT, circular convolution, spectral analysis, STFT:

4 <sup>th</sup> int. ed.:	new 4 <sup>th</sup> int. ed.
7.6	8 (chapter number 7, chapter name: The discrete Fourier Transform: Its Properties and Applications)
7.9	13 (chapter number 7, chapter name: The discrete Fourier Transform: Its Properties and Applications)
8.1	1 (chapter number 8, chapter name: Efficient Computation of the DFT: Fast Fourier Transform Algorithms)

## Topic: Quantization and round-off effects, sigma-delta modulation:

4 <sup>th</sup> int. ed.:	new 4 <sup>th</sup> int. ed.
9.18	26 (chapter number 9, chapter name: Implementation of Discrete-Time Signals)
9.20	29 (chapter number 9, chapter name: Implementation of Discrete-Time Signals)
9.22	32 (chapter number 9, chapter name: Implementation of Discrete-Time Signals)
9.26	38 (chapter number 9, chapter name: Implementation of Discrete-Time Signals)

## **Topic: Multi-rate signal processing:**

4 <sup>th</sup> int. ed.:	new 4 <sup>th</sup> int. ed.
11.1	1 (chapter number 11, chapter name: Multirate Digital Signal Processing)
11.2	2 (chapter number 11, chapter name: Multirate Digital Signal Processing)
11.4	5 (chapter number 11, chapter name: Multirate Digital Signal Processing)
11.7	10 (chapter number 11, chapter name: Multirate Digital Signal Processing)
11.8	11 (chapter number 11, chapter name: Multirate Digital Signal Processing)