

ELL205 Signals and Systems

Tutorial 10, 16 October to 20 October 2023

Problems of the textbook by Oppenheim Willisky and Nawab.

5.9, 5.18, 5.21, 5.22, 5.23, 5.43

- Use properties, and do not evaluate the transform directly (by evaluating the summation directly).
- Avoid looking at the table of properties to the extent possible.
- You must remember the DTFT of the discrete-time rectangular pulse, $a^n u[n]$ and use these along with properties to solve problems. Direct evaluation is not acceptable.