

ECE 355: Signals and Systems

Course Project: Comparison of Fourier Transform (FT) with Laplace Transform (LT)

Due: 05/07/2024

Prepare a small PowerPoint presentation (a PPT file) on “**Comparison of Transform (FT) with Laplace Transform (LT)**”. The suggested requirements of the presentation are listed as follows (suggested but not limited to these requirements).

1. **The PowerPoint presentation should be about 7-10 pages.** The contents of presentation should be related to the comparison of FT with LP, such as definitions, equations, properties, the FT and LP of common functions, applications, and so on. (Please feel free to present anything that is related to the topic.)
2. **Try to be clear and at the same time concise.**
3. **Make sure to provide (cite) all references** that you use according to the IEEE citation guidelines (<https://iee-dataport.org/sites/default/files/analysis/27/IEEE%20Citation%20Guidelines.pdf>). **Must include the reference pages.**
4. **Summary Page: Must include a “summary” page (could be more than one page).** Use the summary page to summarize the comparison of FT with LT to a non-expert audience at newspaper level defined as 6.0-8.0 grade on Flesch-Kincaid Grade Level. [Hint: Use the Flesch-Kincaid feature offered by Microsoft to obtain the reading grade of your summary and write it on the slide.]
5. Please upload your presentation as a single PPT file at D2L by 05/07/2024.