Network, Signals & Systems (EC5.101)

Assignment – 02
Released – 15th February 2022
Due date – 22nd February 2022 (11:59 pm IST)

- Solve and submit solutions to the following problems:
    - (SAS) **Chapter 1:** 1.37 [comment on how the concept of **correlation** between two signals is related to **convolution** between the same signals]
    - (SAS) **Chapter 2:** 2.9, 2.10(a), 2.22(c,d), 2.44(a,d), 2.66(a)
    - (SAS) **Chapter 2:** 2.60(c,d,e,f,g) [use integrator & adder building blocks]

- The handwritten assignments are to be submitted individually. Compile all your scans in the right order into a single pdf file. Moodle submission portal will be opened soon.

- Students are free to refer to class notes and textbooks while working on the problems. Student discussions are allowed but copying and plagiarism will NOT be tolerated and attract strict penalty.

- At the beginning of the assignment, each student must declare the honor code:
    "I affirm that I have neither given nor received help or used any means which would make this assignment unfair."
    - YOUR Signature

- Assignments submitted without honor code and signature will have a 10% penalty.

- Late submission: 10% penalty per day of late submission (will be accepted up to at most 3 days after deadline).