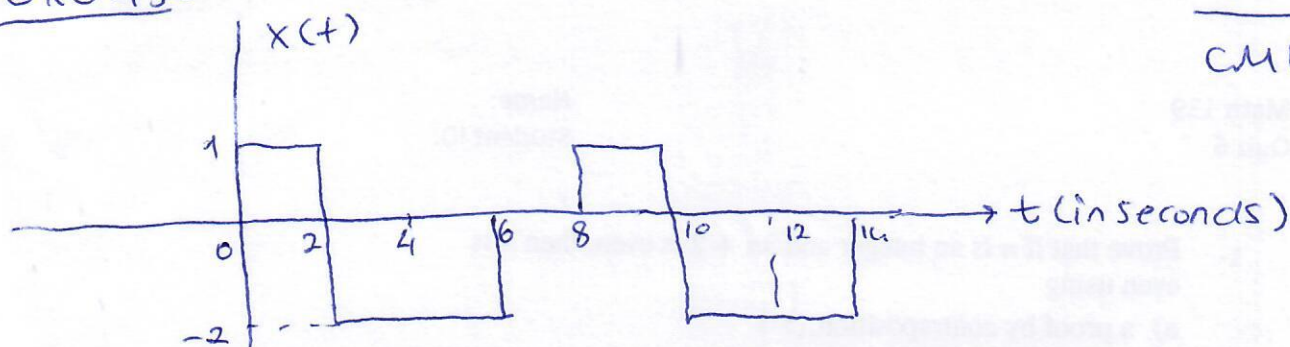


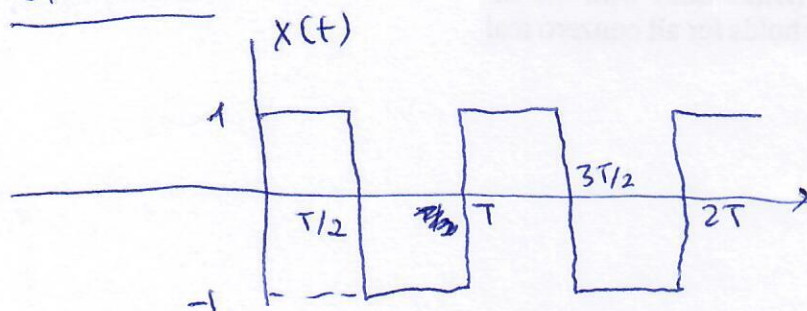
Exercise

11.03.19
CMPE 352



- a) what is T_0 ?
- b) what is a_0 ?
- c) what is a_k ?

Exercise



$$T = 2\pi$$

- a) find a_0
- b) find a_k , b_k , ϕ_k, \dots
- c) Represent $x(t)$ with fundamental component and the first 5 harmonics
- d) Try to represent $x(t)$ with fundamental component and the first 100 harmonics with MATLAB.