

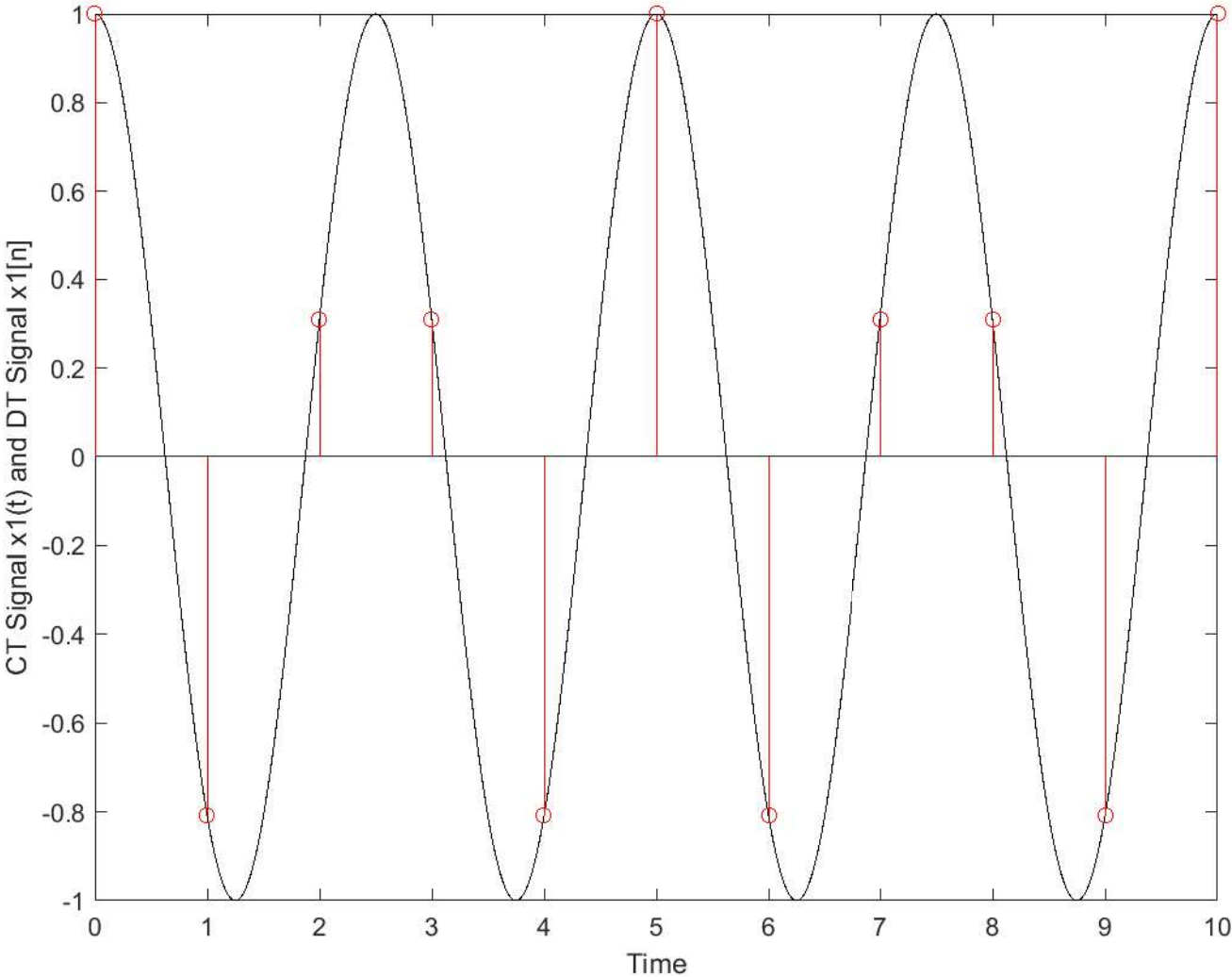
訊號與系統

Homework #01

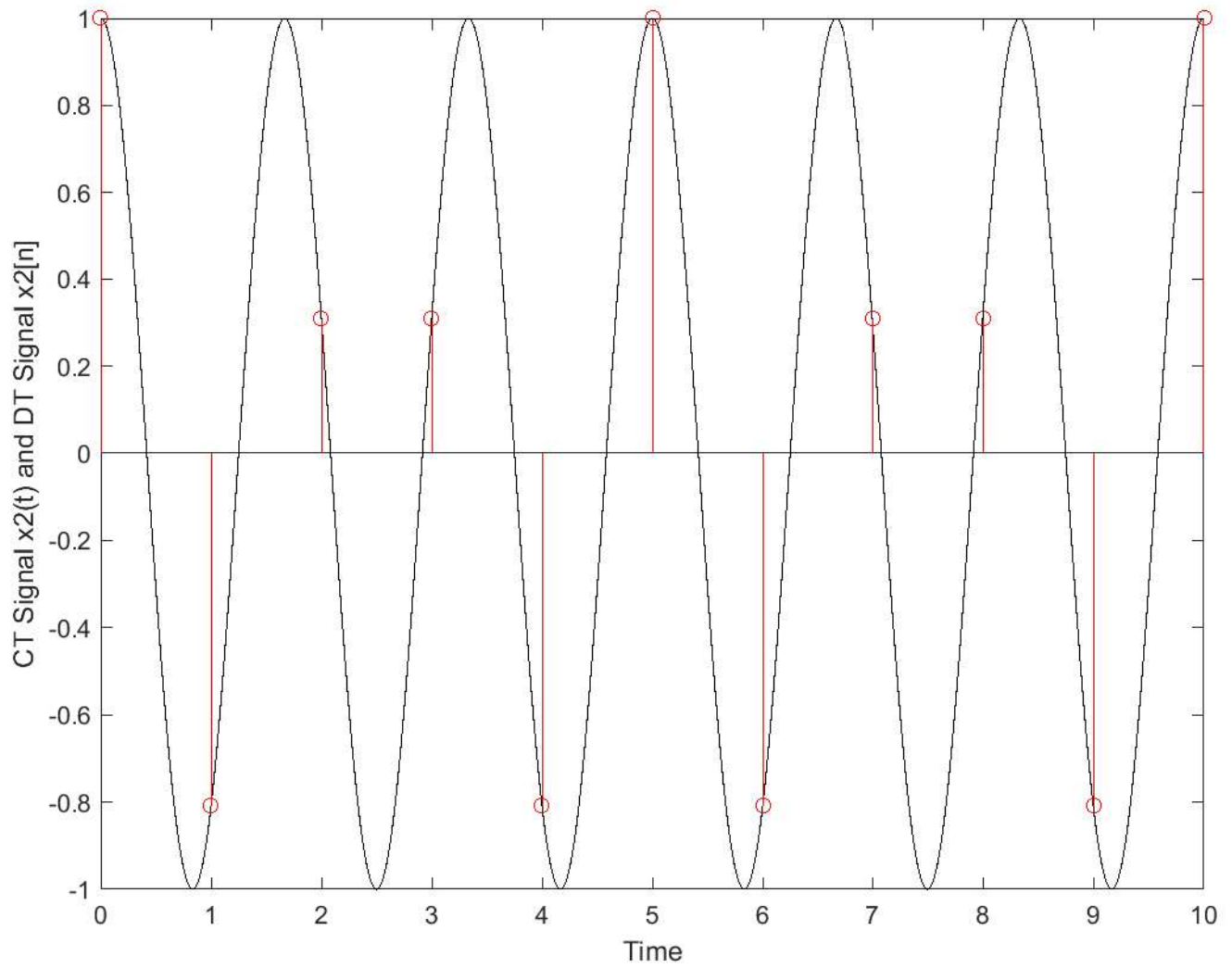
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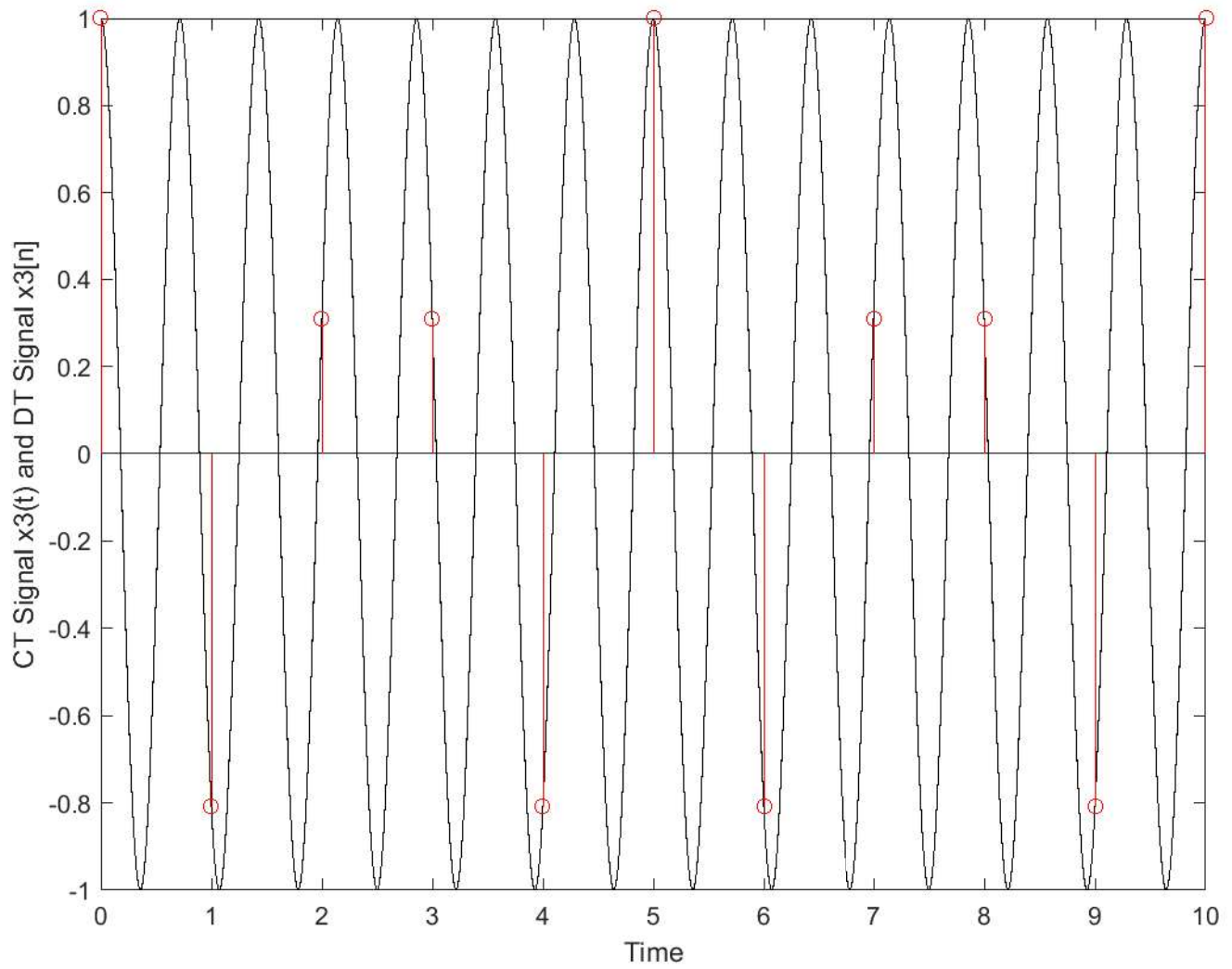
Homework #01 Problem 1 (a) Figure 1



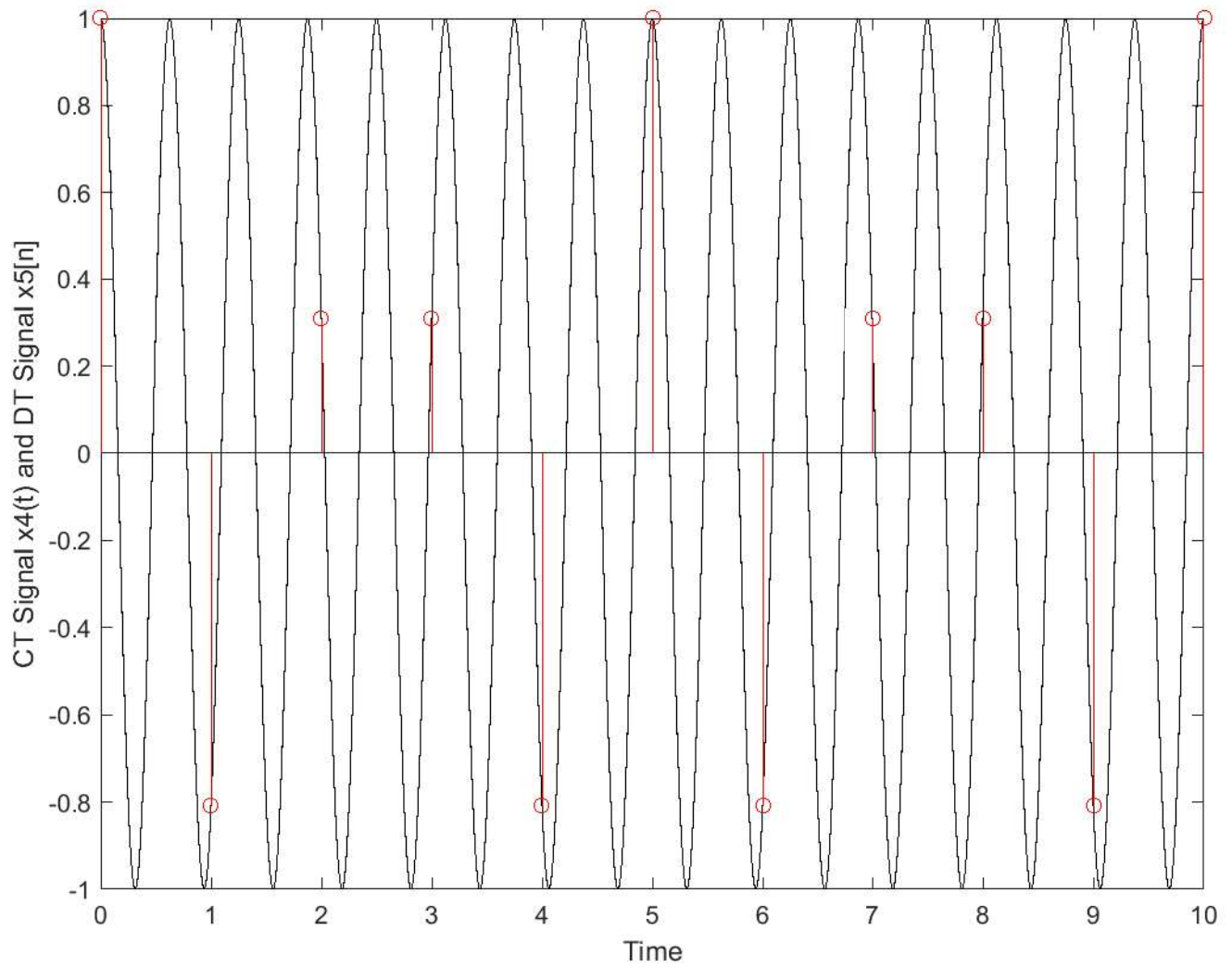
Homework #01 Problem 1 (b) Figure 2



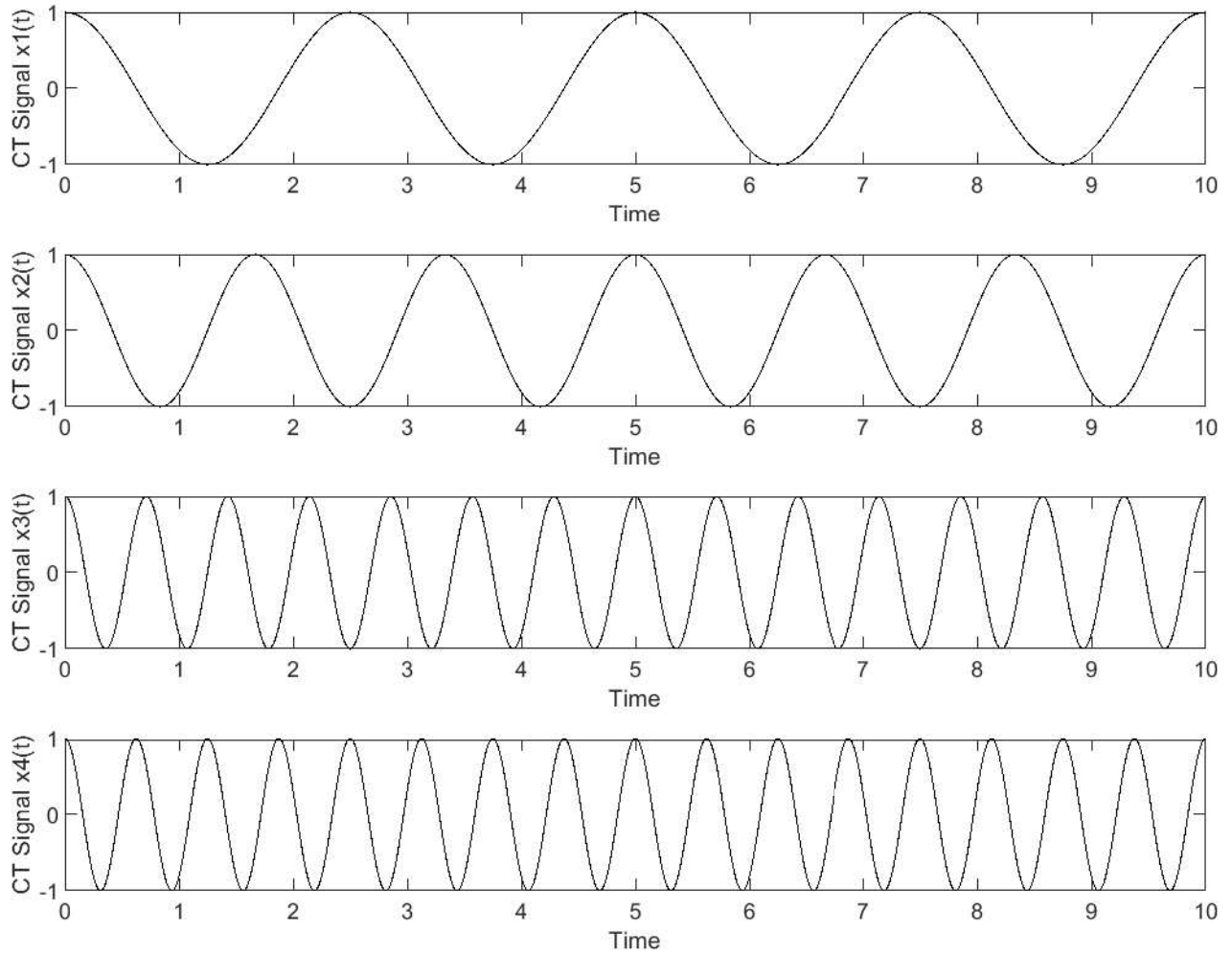
Homework #01 Problem 1 (c) Figure 3



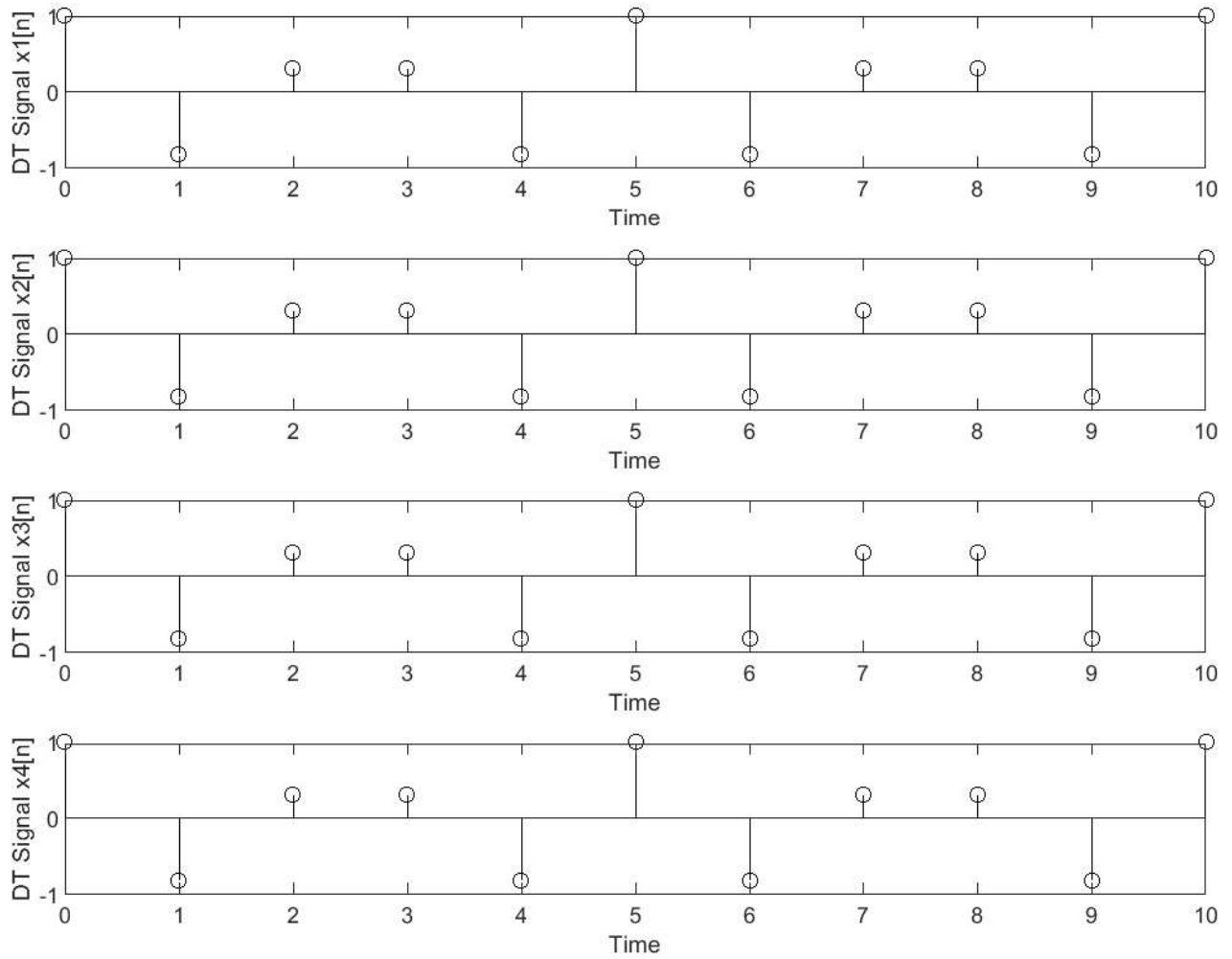
Homework #01 Problem 1 (d) Figure 4



Homework #01 Problem 1 (e) Figure 5



Homework #01 Problem 1 (f) Figure 6



Homework #01 Problem 1 (g)

Figure 5 的四個訊號都是連續的，且頻率皆不相同。

Point Sampling 後得 Figure 6，四個皆離散，且看起來一模一樣。 ■