

GATE ASSIGNMENT 4

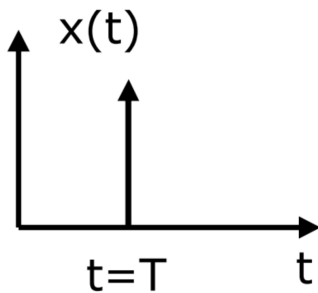
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Download all latex codes from

<https://github.com/sachinkarumanchi/EE3900/tree/main/Gateassignment4/Gateassignment4.tex>

GATE EC 1991 Q 1.1

An excitation is applied to a system at $t = T$ and its response is zero for $-\infty < t < T$ such a system is



- (a) non-casual system
- (b) stable system
- (c) casual system
- (d) unstable system

SOLUTION

The system does not respond before the input is applied.

So, The system is casual system.

Option(c) is correct.