ECE250: Signals and Systems
Quiz4

1. [CO2]Determine whether the system is causal and stable. Justify your answer.
   $h(t) = e^{2t}u(t-1)$

2. [CO3] Prove that the set of rational numbers form a field.

3. [CO3] Prove that the set of periodic signals with the same time period T over the field F= R form a vector space.