

Questions concerning topics from Lecture 1:

- Discrete deterministic signal (time-domain notation)
- Discrete system
- Elemental signals and their notation (unitary pulse, unitary step, complex exponential)
- Basic signal manipulations (shift, reversal, resampling)
- Properties of discrete systems (memoryless, causal, stable, linear, shift/time-invariant)
- LTI system and his models in time-domain (differential equation, impulse response)
- Convolution of discrete signals (meaning, properties)