

BME 311

Biomedical Instrumentation I



02 -Biosignals

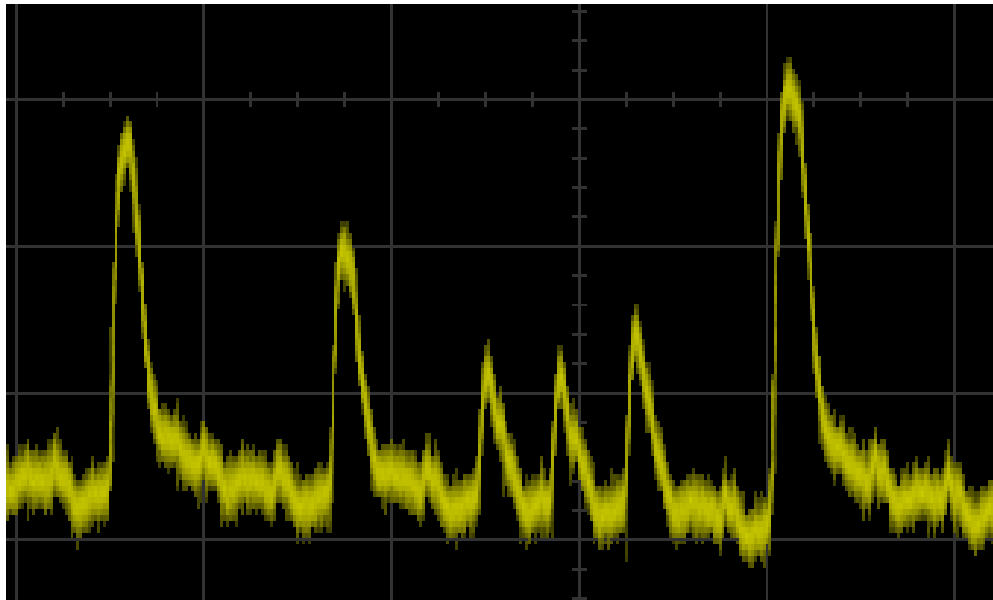


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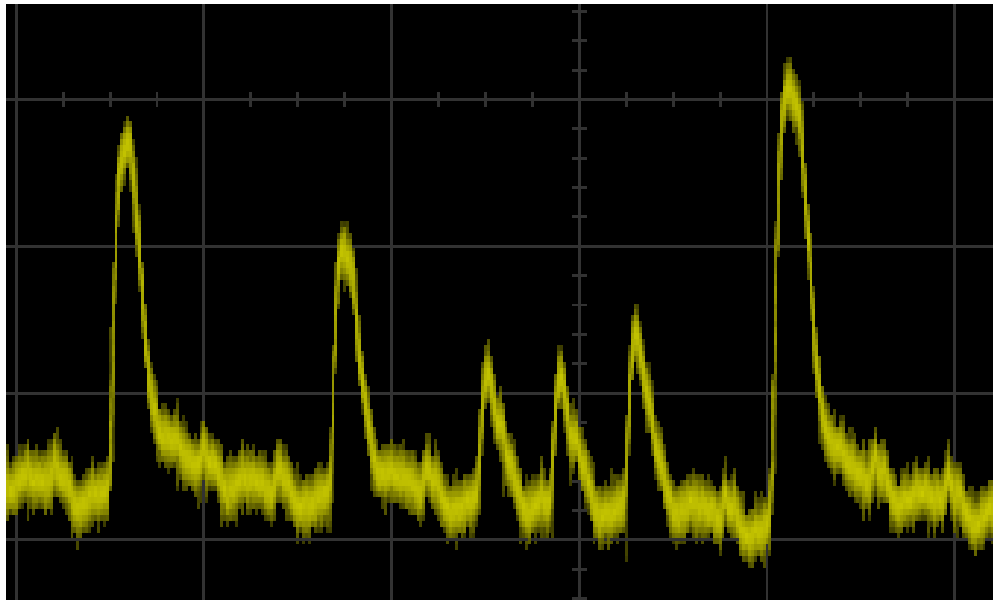
Signals



Signals



- Signals are the functions, which contains information about the behavior or nature of some phenomenon.*



* A. V. Oppenheim, A. S. Willsky, and S. H. Nawab, Signals and systems. Pearson, 1997.

Biosignals

- Biosignals are signals monitored from biological beings.



Electrogram



- Electroencephalogram (EEG)
- Electrocardiogram (ECG)
- Electromyogram (EMG)
- Electrooculography (EOG)
- Electrogastrogram (EGG)
- Electroretinogram (ERG)