

# Fundamental of acoustics and sound

## **Topic 2: Feature extraction for audio signals**

Common features for AI with audio signals

Time domain features

Frequency domain features

Time-frequency domain features

Deep features

**Literature:** Garima Sharma et al. "Trends in audio signal feature extraction methods", Applied Acoustics, Volume 158, 2020  
<https://doi.org/10.1016/j.apacoust.2019.107020>

**Exercises:** Will be given during the lecture

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