

# Lecture Module - Spring Systems

ME3050 - Dynamics Modeling and Controls

Mechanical Engineering

Tennessee Technological University

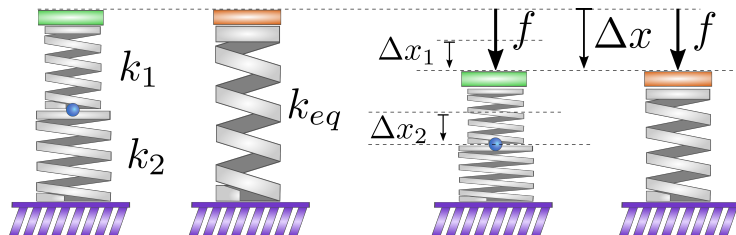
## Topic 2 - Combinations of Springs

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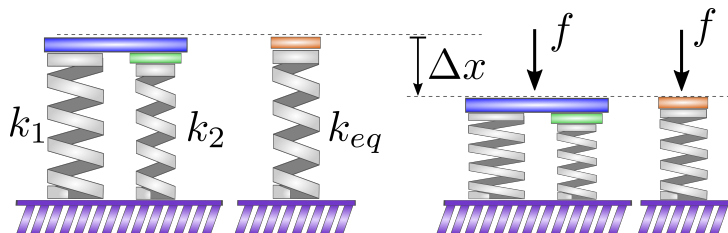
- Springs in Series
- Springs in Parallel
- Torsional Springs
- Various Types



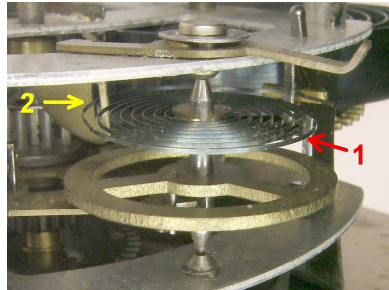
## Springs in Series



# Springs in Parallel



# Torsional Springs



Images: Wikipedia

## Various Types

- Leaf Spring
- Constant Force Spring
- Belleville Washer
- Volute Spring
- and many more ...

