

Introduction to ODS Testing & Experimental Modal Analysis

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Topics of this Presentation

- ***What makes things vibrate?***
 - First Law of Modal Analysis (1st LoMA): ***Any object*** with ***mass & elasticity*** will vibrate
 - Second Law of Modal Analysis (2nd LoMA): ***Forces*** cause vibration
 - Third Law of Modal Analysis (3rd LoMA): ***All vibration*** is a ***summation of mode shapes***
 - Fourth Law of Modal Analysis (4th LoMA): ***All modes*** are ***excited at all frequencies***
- ***How is mechanical vibration defined?***
- ***What is an ODS?***
- ***What is a Mode Shape?***
- **[Click here](#) to download a Zip of the presentation**