

LW FINDER

Optimize strain gauge placement

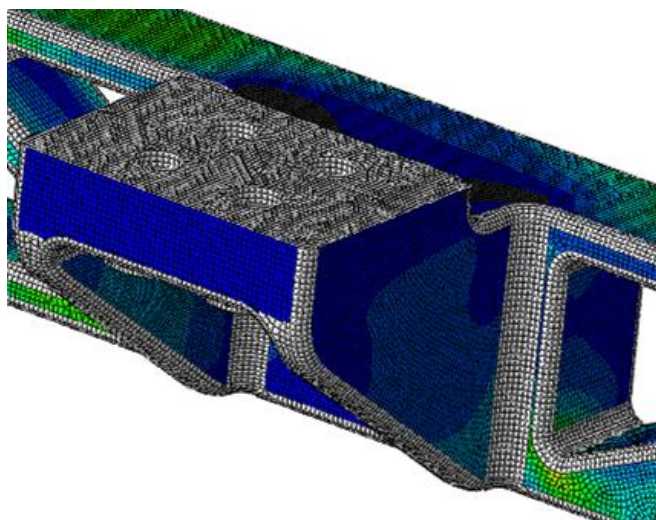


How much error do you want in your load cases?

If your company uses advanced methods to measure structural loads with strain gauges, LW Finder reduces your measurement error by taking the guesswork out of strain gauge placement.

The Challenge

Strain gauge placement is a critical factor that determines the accuracy of load measurements. Un-optimized strain gauge placement can result in noisy, useless data.



Product Overview

LW Finder is a simple but powerful tool that provides accuracy and control of strain gauge placement by suggesting the best locations and predicting measurement error.

Key Features

- **Fast** genetic algorithms search possible strain gauge locations and angles to find the ones that result in the lowest measurement error.
- **Prioritization** of load cases lets you select which load cases should provide the best data.
- **Prediction** of the measurement error allows you to make sure that the strain gauges will give you the data you need, and if not, allow you to redesign or cancel the test.