



Modal Testing Research Laboratory

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Research Projects

- ✓ Modeling joints in assembled structures,
- ✓ Characterization of materials using modal test data,
- ✓ Identifying nonlinear effects in joints,
- ✓ Finite element model updating,
- ✓ Force Identification by measuring response accelerations,
- ✓ Tool Dynamics; modeling and parameter identification,
- ✓ Modal testing of component structures,
- ✓ Boundary condition identification.



Joint Research Groups

- ✓ Dynamic Research Group,
Liverpool University, Liverpool, UK.

Test Facilities

- ✓ 10-Channel portable PULSE ANALYZER,
- ✓ 2-Channel spectrum analyzer (B&K 2032),
- ✓ ICATS software,
- ✓ Small and medium range shakers,
- ✓ General purpose accelerometers,
- ✓ Hammer kit.

