

Séminaire LVA

Use of accelerometers to detect internal pipe pressure

Alexandria SALTON

Student in the Graduate Program in Acoustics, The Pennsylvania State University, USA

Jeudi 9 décembre 2010 à 13h

Salle de cours du LVA- INSA de Lyon

25 bis Avenue Jean Capelle, 69621 VILLEURBANNE

The non-invasive method utilizing a ring of accelerometers to measure pipe interior pressures is analyzed to determine its accuracy. The analysis is approached in both modeling and measurements. The objective is to determine the criteria which must be met in order to ensure calculated pressure values within reasonable error of the exact internal pipe pressure.