COMPUTATIONAL METHODS IN FLUID-STRUCTURE INTERACTIONS, DYNAMICS AND VIBRATION, VIBROACOUSTICS

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ABSTRACT

The Minisymposium is organized in honor of Professor Roger Ohayon and is devoted to all the computational aspects in fluid-structure interaction, in dynamics and vibration, and in vibroacoustics.

In these fields, the mini-symposium concerns
- modeling,
- numerical methods,
- numerical simulation,
- applications,
- experiments,

for
- direct problems,
- inverse problems,
- identification,
- optimization,
- passive and active controls,

in static and in dynamics, for linear and nonlinear problems, including deterministic and probabilistic aspects.