SEAT: Correlation studies using videos & images

Challenge

- Simplify and accelerate the procedure for correlation studies between simulation results and physical test data.

Approach

Use of META and its embedded Visual tools, to exploit its capability to:

- match FE models on images or video frames,
- synchronize the simulation with the video of the physical test and
- trace features on videos.

Results

- The new procedure, based on META post-processor is simple, fast, straightforward and is completed within a single tool.

"The choice of META for the correlation of simulation results with physical test videos was the optimum because META simplified our work and reduced the effort, time and cost required for our procedures."

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