

ZZZZ349 - Validation of the fields ELGA and ELNO on elements COQUE_3D

Summary:

This CAS-test makes it possible to check that classification points of Gauss of the computed fields corresponds to that displayed by the option COOR_ELGA of CALC_CHAM_ELEM.

One finds the symmetry of the solution in X and there on the computed fields at the points of Gauss and the nodes.

The fields considered are:

- SIGM_ELGA, EFGE_ELGA, DEGE_ELGA for the fields at the points of Gauss
- SIGM_ELNO, EFGE_ELNO, DEGE_ELNO for the fields with the nodes

Modeling a: 1 element QUAD9, formula of Gauss at 9 points

Modeling B: 2 elements TRIA7, formula of Gauss at 7 points

This documentation is voluntarily brief.