

ZZZZ219 - WithAFFE_CHAR_MECA : validation of the keyword FACE_IMPO

Summary:

The objective of this CAS-test is to validate the keyword `FACE_IMPO` of the operator `AFFE_CHAR_MECA`. This keyword makes it possible to impose on all the nodes of a face on surface or voluminal elements, one or more values of degree of freedom.

In this CAS-test one checks `FACE_IMPO` under the following conditions:

- `FACE_IMPO/SANS_GROUP_MA`
- `FACE_IMPO/SANS_NOEUD`
- `FACE_IMPO/SANS_GROUP_NO`

In this very simple CAS-test (`MODELISATION=' C_PLAN'`), all displacements of the 6 nodes of the grid are imposed. One can thus easily check that the boundary conditions are well observed.

This documentation is voluntarily brief.