

ZZZZ292 – Elementary validation of SANS_GROUP_NO_FR

Summary:

This test validates the functionality `SANS_GROUP_NO_FR` specific to contact-friction in continuous formulation:

- two identical cubes are put in contact with friction
- a condition of symmetry is applied to one of the faces of each cube
- the redundancy with the conditions of friction caused by this boundary condition is eliminated thanks to the keyword `DIRE_EXCL_FROT` which one tests the good performance

The solution in displacement is analytical.

Modeling a:

- modeling 3D with continuous formulation

This documentation is voluntarily brief.