

ZZZZ292 – Elementary validation of Summarized

SANS_GROUP_NO_FR:

This test validates 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 sides of each cube
- the redundancy with the conditions of friction caused by this boundary condition is eliminated thanks to the key word DIRE_EXCL_FROT which one tests the good performance

the solution in displacement is analytical.

Modelization a:

- modelization 3D with formulation continues

This documentation is voluntarily brief.