

ZZZZ231 – Validation of the contact in initial geometry

Summary:

This test is an analytical test. The tests are made on displacements only. The objective is to validate for the discrete formulations of the contact:

- the good taking into account of the contact in initial geometry (REAC_GEOM=' SANS ') during a resumption of calculation (*reuse=*)
- the good taking into account of the contact in initial geometry (REAC_GEOM=' SANS ') with initial state (ETAT_INIT)
- the calculation of the game of method 'RESOLUTION=' NOT''

Modeling a:

- Calculation of reference of method 'FORCED', calculation of the game of method 'RESOLUTION=' NOT'', discrete and continuous formulation

Modeling b:

- Calculation in initial geometry with recovery

Modeling C:

- Calculation in initial geometry with initial state

This documentation is voluntarily brief.