

## ZZZZ231 – Validation of the contact in initial geometry

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### 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.