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.