

## ERREU12 – Validation of CONTACT\_INIT with cutting

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### Summary:

This test which does not comprise that only one modeling checks the good taking into account of the initial contact (CONTACT\_INIT) after a cutting of the urgent first of calculation.

The principle is to limit the iteration count of Newton to 2 in order to force the recutting of the step of time. After cutting one checks that calculation stops for lack of iterations of Newton and not because of a singular matrix.

This documentation is voluntarily succinte.