

## ZZZZ385 – Validation of LIAISON\_SOLIDE in 2D and with great rotations

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### Summary:

The modeling of this test aims at validating the use of `LIAISON_SOLIDE` in 2D in the case of great transformations in `STAT_NON_LINE`. This loading makes it possible to make a structure perfectly indeformable without any assumption (on materials to be used in particular). The test compares the result (displacements) got by `LIAISON_SOLIDE` in great transformations and the commonplace analytical solution (pure rotation) which one wishes to obtain.

This documentation is voluntarily brief.