Code_Aster

Titre : ZZZZ191 - Validation des opérateurs AFFE_CHAR_MECA[...]
Responsable : ABBAS Mickaël

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a5f1382db66f

ZZZZ191 – Validation of the operators AFFE_CHAR_MECA and AFFE_CHAR_CINE in the case of an imposed displacement

Summary:

The objective of this CAS-test is to validate the operators AFFE_CHAR_MECA and AFFE_CHAR_CINE in the case of an imposed displacement. The principle of the validation is to do the same non-linear calculation in two different ways:

- STAT_NON_LINE with ordinary loadings (dualized) created via the operator AFFE_CHAR_MECA (keyword DDL_IMPO),
- STAT_NON_LINE with loadings kinematics created via the operator AFFE_CHAR_CINE (keyword MECA_ IMPO),

For each calculation one checks the resumption of calculation (reuse).

One tests displacement in node and the constraint in a point of Gauss.

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This documentation is voluntarily brief.