

ZZZZ394 – Checking of PRE_EPSI for modelings DKT and DKTG

Summary:

This test does not have any physical meaning, it is primarily a data-processing test.

It aims to to validate the loading PRE_EPSI of AFFE_CHAR_MECA for the elements of plates (modelings DKT and DKTG).

The principle is the following, one applies a loading PRE_EPSI on a mesh whose only movements of rigid body are blocked. The 6 components are not-worthless. One calculates then the field DEGE_ELGA and it is checked that the values of all the components are well those which were given.

Modeling a:

An element DKT.

Modeling b:

An element DKTG.

This documentation is voluntarily brief.