

WTNP102 - Modelization planes heating of an element initially saturated with water. Taking into account of the vapor.

Abstract:

This test represents the heating and the desaturation of an element initially saturated with water with taking into account with vaporization. It is about a case test of pure non regression without physical reality. The purpose of this modelization is just checking non regression coupling law LIQU_VAPE_GAZ on a modelization of the type D_PLAN_THH*.

It is the plane version of the WTNA106.

Modelization a:

- Modelization D_PLAN_THHD (lumped)
- Coupling: model LIQU_VAPE_GAZ

Modelization b:

- Modelization D_PLAN_THHD (lumped) from a linear mesh transformed into quadratic
- Coupling: model LIQU_VAPE_GAZ

Modelization C:

- Modelization D_PLAN_THHMD (lumped)
- the mechanics is blocked here everywhere.
- Coupling: model LIQU_VAPE_GAZ

Modelization D:

- Modelization D_PLAN_THHMS (selective)
- the mechanics is blocked here everywhere.
- Coupling: model LIQU_VAPE_GAZ

Warning : The translation process used on this website is a "Machine Translation". It may be imprecise and inaccurate in whole or in part and is provided as a convenience.

Modelization E:

- Modelization 3D_PLAN_THHMD (lumped)
- the mechanics is blocked here everywhere.
- Coupling: model LIQU_VAPE_GAZ

Modelization F:

- Modelization 3D_PLAN_THHMS (selective)
- the mechanics is blocked here everywhere.
- Coupling: model LIQU_VAPE_GAZ

This documentation is voluntarily brief.