

WTNA107 - Axisymmetric modelization of the heating of an element saturated with water

Summarized:

This test represents the heating of an element saturated with water with taking into account with the mechanics. It is about a case test of non regression without physical reality. It makes it possible to test the modelization coupled thermo-hydro-mechanics of the type: Water AXIS_THM* monophasic (LIQU_SATU). It is the axisymmetric version of the case test WTNL101.

Modelization a:

- Modelization AXIS_THM
- Coupling: model LIQU_SATU

Modelization b:

- Modelization AXIS_THMD (lumped)
- Coupling: model LIQU_SATU

Modelization C:

- Modelization AXIS_THMS (selective)
- Coupling: model LIQU_SATU

This documentation is voluntarily brief.