

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

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### Summary:

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 not regression without physical reality. The purpose of this modeling is just to check to it not regression of the mixing rate `LIQU_VAPE_GAZ` on a modeling of the type `D_PLAN_THH*`.

It is the plane version of the WTNA106.

### Modeling a:

- Modeling `D_PLAN_THHD` (lumpé)
- Coupling: law `LIQU_VAPE_GAZ`

### Modeling b:

- Modeling `D_PLAN_THHD` (lumpé) starting from a linear grid transformed into quadratic
- Coupling: law `LIQU_VAPE_GAZ`

### Modeling C:

- Modeling `D_PLAN_THHMD` (lumpé)
- Mechanics is blocked here everywhere.
- Coupling: law `LIQU_VAPE_GAZ`

### Modeling D:

- Modeling `D_PLAN_THHMS` (selective)
- Mechanics is blocked here everywhere.
- Coupling: law `LIQU_VAPE_GAZ`

## Modeling E:

- Modeling 3D\_PLAN\_THHMD (lumpée)
- Mechanics is blocked here everywhere.
- Coupling: law LIQU\_VAPE\_GAZ

## Modeling F:

- Modeling 3D\_PLAN\_THHMS (selective)
- Mechanics is blocked here everywhere.
- Coupling: law LIQU\_VAPE\_GAZ

This documentation is voluntarily brief.