

## ZZZZ307 - Data-processing validation of the parallelism of elementary computations and the assemblies

---

### Summarized:

This test validates parallelism (data-processing) elementary computations and assemblies.  
The interest of this test is to turn in parallel **version MPI** (on 4 processors for example).  
This test validates programming MPI but does not prove anything on the performances.

## 1 Principle of the test

---

This test validates parallelism (data-processing) elementary computations and assemblies. The interest of this test is to turn in parallel **version MPI** (on 4 processors for example). This test validates programming MPI but does not prove anything on the performances.

It tests **all** the combinations of the keywords:

- AFFE\_MODELE/PARTITION/PARALLELISME =
  - /"CENTRALISE"
  - /"GROUP\_ELEM"
  - /"MAIL\_CONTIGU"
  - /"MAIL\_DISPERSER"
- MATR\_DISTRIBUE = "OUI"/"NON"
- ELIM\_LAGR2 = "OUI"/"NON"
- Kinematical conditions:
  - /dualized (AFFE\_CHAR\_MECA)
  - /eliminated (AFFE\_CHAR\_CINE)
  - /"shared" on several processors

## 2 Modelization A

---

### 2.1 got Results

the values tested are all of the values of NON-regression.