

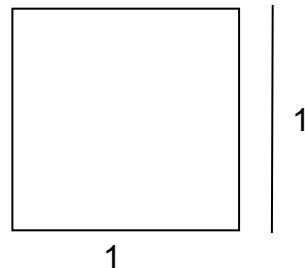
ZZZZ165 - LIRE_RESU with the format 'IDEAS'

Summary:

One reads with the format `IDEAS` a field with the nodes as well as a field by elements with the nodes (`ELNO`). It is checked that the values read are correctly stored in the structure of data `RESULT (SD_RESULTAT)` produced.

1 Problem of reference

1.1 Geometry



2 Reference solution

The case test consists in reading again a file with the format 'IDEAS'. The test consists in checking that the values read are correctly stored in SD_RESULTAT.

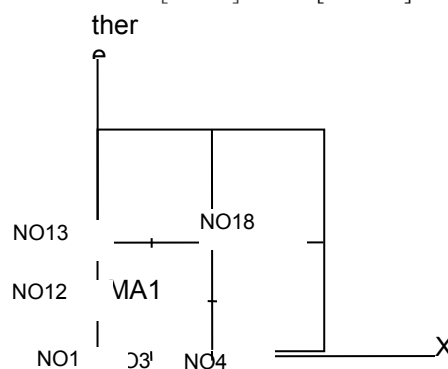
3 Modeling A

3.1 Characteristics of modeling

Grid IDEAS associated with this test consists of 4 meshes of the type QUAD8.

These meshes have the labels 1,2,3,4. But they are given in the order 4,1,2,3.

The nodes of the grid have as labels: [1–5] and [7–22]. Node 12 is given into 1^{er}.



4 Results of modeling A

4.1 Values tested

Field	Node	CMP	Reference	Found value	Difference (%)
DEPL:	NO12	DX	0.75	0.75	0
VARI_ELNO:					
MESH MAI	NO3	VI	0.50	0.50	0
MESH MAI	NO4	VI	1.00	1.00	0

5 Summary of the results

This case test makes it possible to check the good performance of the order LIRE_RESU with the format 'IDEAS' when the numbers of entities IDEAS are different from the numbers Aster.