

Macro-order PERM_MAC3COEUR

1 Goal

Macro-order allowing to manage the permutation of the fuel assemblies between 2 cycles of irradiation.

2 Syntax

U = PERM_MAC3COEUR (

◆ TYPE_COEUR = type of heart to be treated [K]
/ 'MONO',
/ 'TEST',
/ '900',
/ '1300',
/ 'N4',

Table containing information of the engine to the cycle N

◆ TABLE_N = [table]

Result of the cycle NR containing information before permutation

◆ RESU_N = [result]

Table containing information of the engine to the cycle $N + 1$

◆ TABLE_NP1 = [table]

Grid of the engine to the cycle $N + 1$

◆ MAILLAGE_NP1 = [grid]
)

U is of type evol_noli.

3 Operands

3.1 Operand TYPE_COEUR

Name of the type of heart to be treated.

3.2 Operand TABLE_N

Table containing the information of the assemblies (position and design mainly) at the end of the cycle N .

3.3 Operand RESU

Result at the end of the cycle N containing information to be permuted to define the initial state of the cycle $N + 1$.

3.4 Operand TABLE_NP1

Table containing the information of the assemblies (position and design mainly) at the end of the cycle $N + 1$.

Caution: it is essential that the assemblies to be permuted of comparable nature (even design).

3.4.1 Operand MAILLAGE_NP1

Grid corresponding to the description of the heart to the cycle $N + 1$.

Code_Aster

Version
default

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