Operator LIRE_FORC_MISS

1 Goal

To build a vector assembled project on a basis of RITZ starting from a file of seismic forces of ground calculated by software MISS3D. The vector result project will be used by the operator of harmonic calculation in generalized components DYNA_LINE_HARM [U4.53.11].

Product a concept generalized vector of type vect_asse_gene.
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2 Syntax

```plaintext
vecgene [vect_asse_gene] = LIRE_FORC_MISS
    (    BASE = Ba,  [mode_meca]
        ♦ NUME_DDR_GENE = nu_gene,  [nume_ddl_gene]
        ♦ FREQ_EXTR = freq,  [R8]
        ◊ UNITE_RESU_FORC = / uresfor,  [I]
            / 30,  [DEFECT]
        ◊ NOM_RESU_FORC = nresfor,  [KN]
        ◊ ISSF = / 'NOT',  [DEFECT]
            / 'YES',
        ◊ NOM_CHAM = / 'DEPL',  [DEFECT]
            / 'QUICKLY',
            / 'ACCE',
        ♦ / NOM_CMP = / 'DX',
            / 'DY',
            / 'DZ',
            / NUME_CHAR = numec  [I]
    )
```

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3 Operands

3.1 Operand BASE

- BASE = Ba

Concept of the type `mode_meca` who contains the vectors defining the subspace of projection.

3.2 Operand NUME_DDL_GENE

- NUME_DDL_GENE = nu_gene

Generalized classification built on the basis Ba.

3.3 Operand FREQ_EXTR

- FREQ_EXTR = freq

Actual value of the frequency of extraction of the seismic forces of ground.

3.4 Operand UNITE_RESU_FORC

- UNITE_RESU_FORC = uresfor

Logical unit of the file of the seismic forces of ground previously calculated by MISS3D with `CALC_MISS` in postprocessing and data like entry in the profile of study.

3.5 Operand NAME_RESU_FORC

- NAME_RESU_FORC = NResfor

Local name in the draft study of MISS3D of the file of the seismic forces of ground previously calculated by MISS3D with `CALC_MISS` in postprocessing. That intervenes for example in the case of point sources.

3.6 Operand ISSF

- ISSF = / ‘NOT’,
  / ‘YES’,

If ‘YES’, taken into account of the format specific to the studies by MISS3D in interaction ground-structure-fluid in accordance with this same keyword in `CALC_MISS`.

3.7 Operands NOM_CMP/NUME_CHAR

- / NOM_CMP = / ‘DX’,
  / ‘DY’,
  / ‘DZ’,

Name of the component corresponding to a direction of incidental seismic field.
- / NUME_CHAR = numec
In the case of waves tilted or of point sources where one informed `NOM_RESU_FORC` with a local name of extension `.f`, one defines the seismic field by a number of loading ranging between 1 and 3 for the tilted seismic forces and inevitably being worth 1 for a point source.

### 3.8 Operand `NOM_CHAM`

- `<NOM_CHAM> = / 'DEPL', / 'QUICKLY', / 'ACCE'>`

Field name giving the nature of the unit incidental seismic field imposed (for example `ACCE` if imposed unit acceleration).