

## **~L\_MOD, MODE1, MODE2**

**Lists the vibration modes**

SEISMIC: Spectral Analysis

### *MODE1, MODE2*

Lists the vibration modes from the *MODE1* mode (defaults to 1) to the *MODE2* mode (by default the extracted number of modes).

#### **Menu paths**

Main Menu > Seismic Design> LIST & PLOT: List Modes



## **~L\_SPEC, T1, T2, TINC**

**Lists the spectrum defined in CivilFEM**

SEISMIC: Spectral Analysis

### *T1, T2, TINC*

Lists the spectrum from the initial period *T1* to the final period *T2* with increments of *TINC*. By default lists the whole spectrum.

#### **Menu Paths**

Main Menu > Seismic Design> LIST & PLOT: List Spectrum



## **~LINCMB**

**Begins the algebraic combinations calculation process.**

POST1: Combinations

#### **Notes**

- All the possible combinations, from the defined combination rules, will be generated.
- The load cases are stored in the RST and RCV files, after the initial load cases.

#### **Menu Paths**

Main Menu > Civil Postprocessor > Combine Results > Combine > Obtain ALL LCases



## **~LINLST**

**Lists the linear or algebraic combinations done**

POST1: Combinations

#### **Notes:**

- This list does not include the combinations performed searching for targets (**~COMBINE** command). The algebraic combinations obtained by using **~LINCMB** command are listed.
- All the load cases of the results files RST/RCV will be listed.
- If the RCV file does not exist, the list will not include information about the origin of the load case (combination it comes from and algebraic coefficients).

## Menu Paths

Main Menu > Civil Postprocessor > Combine Results > List Algebraic Comb

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### ~LPRNSOL, Item, Comp

List the nodal results when the CivilFEM seepage commands have been used.

POST1 : GEOTECHNICAL MODULE: Seepage

#### Item

Item to list

<i>Item</i>	Description
<b>HEAD</b>	Head
<b>GRAD</b>	Gradient
<b>FLUX</b>	Flux vector

#### Comp

Component to list

<i>Item</i>	Component
<b>HEAD</b>	-
<b>GRAD</b>	X, Y, Z
<b>FLUX</b>	X, Y, Z

#### Notes:

- CivilFEM seepage solver must be used in order to be able to read the results (~LPSOLVE command).

## Menu Paths

Main Menu > Civil Postprocessor > Geotech. Mod. > Seepage > Nodal Solution

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### ~LPSOLVE

Starts the finite elements model solution using CivilFEM seepage elements

POST1 : GEOTECHNICAL MODULE: Seepage

## Menu Paths

Main Menu > Civil Solution > Geotech. Mod. > Seepage > Seepage Solver

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### ~LSTFMT, Type

Forces the results output to TXT or HTML format, independently from the configuration at Civil Setup.

DATABASE: Parameter

#### Type

Behavior:

- TXT** Forces output to a TXT file for all listings (except for HTML Interface, TXT Interface, **~VWTEXT** and **~VWHTML**).
- HTM** Forces output to a HTML file for all listings (except for HTML Interface, TXT Interface, **~VWTEXT** and **~VWHTML**).
- HTML** Interface, TXT Interface, **~VWTEXT** and **~VWHTML**).
- Restores the output for all listings to the user's predefined configuration at Civil Setup.

### Menu Paths

Main Menu > Civil Setup > GUI Config : Options : Lists

