

Namelist "Field_Recording_Setup"

This data set allows the user

- to define the precision (simple or double) on the data related to the instantaneous fields and the statistical fields.
- to reduce the dimension of the statistical fields in order to get a profile along a given direction. The reduction is made by space averaging over the other directions.

Precision_On_Instantaneous_Fields

- Type : Integer Value
 - 1 : Instantaneous fields are recorded in simple precision (r4).
 - 2 : Instantaneous fields are recorded in double precision (r8).

Precision_On_Statistical_Fields

- Type : Integer Value
 - 1 : Statistical fields are recorded in simple precision (r4).
 - 2 : Statistical fields are recorded in double precision (r8).

Statistic_Profiles

- Type : integer value
- This data defines the direction in which the profile of a statistical quantity is calculated. A space average is performed over the others directions.
 - 0 : Statistical fields are not reduced in a profile along a specific direction.
 - 1 : The profile is calculated along the I-direction.
 - 2 : The profile is calculated along the J-direction.
 - 3 : The profile is calculated along the K-direction.

From:

<https://sunfluidh.lisn.upsaclay.fr/> - Documentation du code de simulation numérique SUNFLUIDH

Permanent link:

https://sunfluidh.lisn.upsaclay.fr/doku.php?id=sunfluidh:field_recording_setup_namelist_setup&rev=1479055267

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