twinlab.DesignParams

class twinlab.**DesignParams**(*sampling_method=<twinlab.sampling.LatinHypercube object>, seed=None*)

Parameter configuration to setup an initial experimental or simulations design structure.

Variables:

- **sampling_method** (*Sampling, optional*) –

  The sampling method to use for the initial design. Options are either:

  - `tl.LatinHypercube`: Populate the initial design space in a clever way such that each dimension, and projection of dimensions, are sampled evenly.
  - `tl.UniformRandom`: Randomly populate the input space, which is usually a bad idea.

- **seed** (*Union[int, None], optional*) – The seed used to initialise the random number generators for reproducibility. Setting this to an integer is good for creating reproducibile design configurations. The default is `None`, which means the seed is randomly generated each time.

__init__(*sampling_method=<twinlab.sampling.LatinHypercube object>, seed=None*)

Methods

`__init__`([sampling_method, seed])	

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