gsa-sobol Documentation

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Module to generate Simple Random Sample (SRS) Design matrix

sa_module.samples.design_srs.**create**(*n*, *d*, *seed*)

Generate n samples of d dimension using Simple Random Sampling

The function returns a numpy array of *n*-rows and *d*-dimension filled with randomly generated number from uniform variate of [0, 1].

Parameters

- **n** – (int) the number of samples
- **d** – (int) the number of dimension
- **seed** – (int) the random seed number

Returns (ndarray) a numpy array of *n*-by-*d* filled with randomly generated random numbers of uniform variate

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Module containing routines to generate samples using various design

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