

Sequence 2 : Example code

List of Python example modules

Uniform deviated generators of real numbers in the $[0,1)$ interval:

- `kl_generator.py` : Knuth & Lewis uniform deviates generator
- `random_wrapper.py` : Wrapper for random module's uniform deviates generators

Geometry:

- `vector_1d` : Coordinate of a 1D point on an axis equipped with a referential
- `segment_1d` : A segment/interval on an axis defined by two points.
- `vector_2d` : 2D point in the (xOy) plane with its cartesian coordinates.
- `square` : A square (2D shape) defined from its side length.

Generator:

- `square_uniform_surface_generator.py` : A random generator of points uniformly distributed on the surface of a square (plane (xOy)).