```
# -*- coding:utf-8 -*-
#
# written by Shotaro Fujimoto
# 2016-05-12
```

Modules

[numpy](#)

Classes

[__builtin__.object](#)

[LatticeTriangular](#)

class **LatticeTriangular**([__builtin__.object](#))

Methods defined here:

__init__(self, lattice=None, boundary={'h': 'periodic', 'v': 'periodic'}, scale=10.0, x0=0, y0=0)
```
    Initialize triangular lattice

    --- Arguments ---
    boundary: Boundary conditions
            {h: <condition>,  # horizontal boundary condition
             v: <condition>   # vertical boundary condition
            }
            condition : ('periodic' or 'reflective')
    lattice (ndarray): Initial lattice condition (if given (ndarray of int))
```

get_for_i_periodic(self, i)

get_for_i_reflective(self, i)

get_for_j_periodic(self, j)

get_for_j_reflective(self, j)

neighbor_of_combo(self, i, j)

neighbor_of_periodic(self, i, j)

neighbor_of_reflective(self, i, j)

to_realspace(self)

Data descriptors defined here:

__dict__
```
    dictionary for instance variables (if defined)
```

__weakref__
```
    list of weak references to the object (if defined)
```