

pyHIFU.box.Box

l: [lx, ly, lz], length of edges
latrix: sparse matrix of lattice
n_trd: number of transducer
nx, ny, nz; number of lattice on each dimension

intersect_trident(trident)
lattice_center(x,y,z)
lattice_diagonal()
lattice_min()
rayBoxIntersection()
traversal_along()
update_lattice()
update_lattice_weighted()

pyHIFU.box.Lattice

a, b, c: length of edges
center: center coordinate
o1: vertex on negative direction
o2: vertex on positive direction

intersectRay()