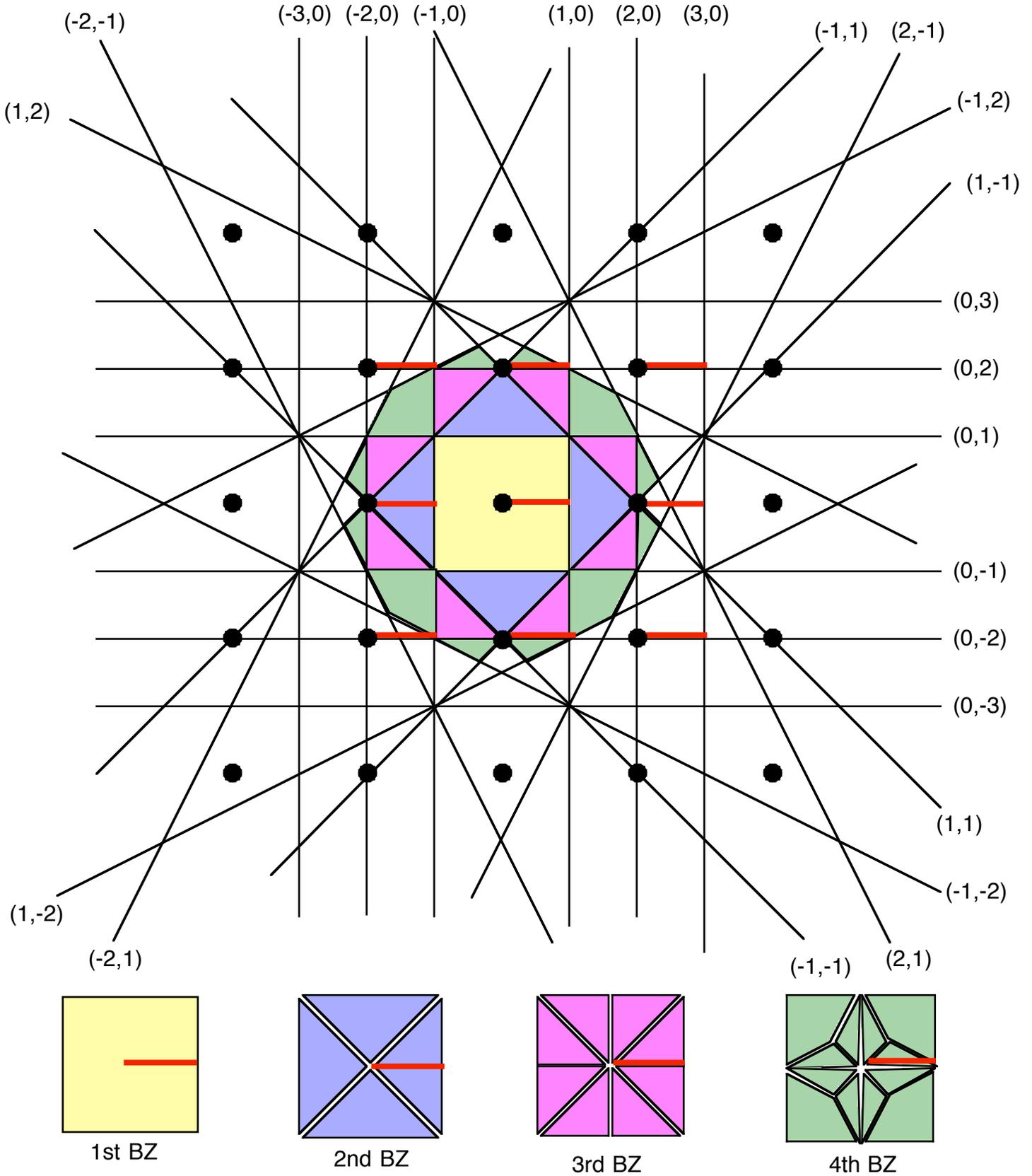Reciprocal Lattice and k-space for a two-dimensional square Bravais Lattice of lattice constant *a*.

Bragg planes are labeled by the reciprocal lattice vector that they bisect, **K** = $(2\pi/a)(n, m)$ .



Pieces of the nth Brillouin Zone translated back into the 1st BZ