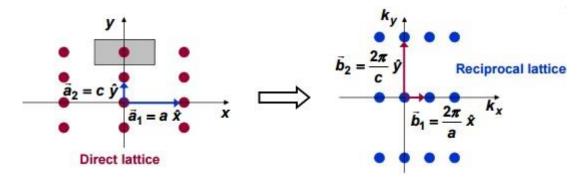
Answer on Question #51569, Physics, Solid State Physics

Task: Draw the first Brillouin zone for a 2D square reciprocal lattice

Answer:

1st Brillouin zone: the smallest volume entirely enclosed by planes (lines) that are the perpendicular bisectors of the reciprocal lattice vectors drawn from the origin.



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