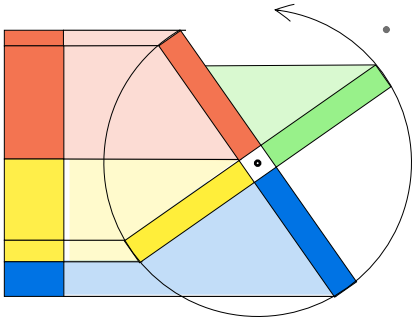
telepantin



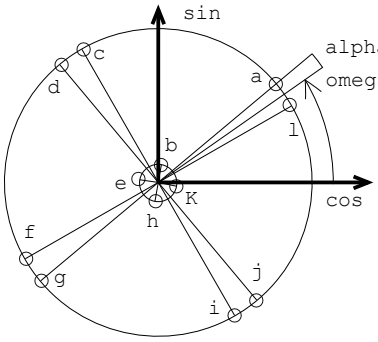
a. data organisation:
use polar coords
- list vertices as a function of omega (ccw)
- list edges as pairs of vertices (counterclockwise)
- alf is specific angle made by rect axis ant vert v (same for all verts)

. alf=atn((thickness*0.5)/length)
. use length = 1
. vtx = omg +[alf, 90, 90+2*alf, ...]
. edg = [[vtx[i],vtx[i+1]...]

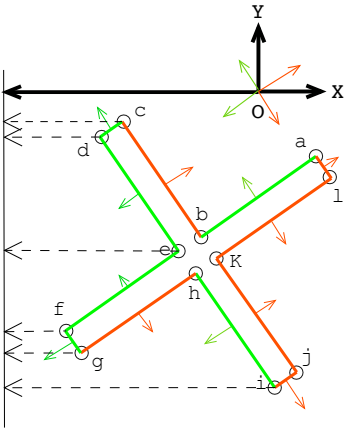
b. back-facing-edge culling:
remove edges whith normals pointing rightside of Y axis (i.e.positive or null x)

c. vertex scanning
scan along Y axis:
- sort verts along Y axis, if Y equal, sort along X (closest first)
- loop every 2 vtx (v1/v2)
    if v1 and v2 belong to same edge: project v1,v2; go on to v2/v3
    else find on which side of the edge_of_v1 is v2
        if v2 is behind: skip v2; go on to v1/v3
        if v2 is in front or coincident: project v2; go on to v2/v3

a



b



c