Ç î Plans for First Person Render Andrew Rohde Cost Rays from location to inge par in horizontal direction for each x direction pixel Detorm hight of wall and y cord of wall bund on lystance - Camera will be defined by an (X, y) location - image pare will be defined by an FOV and a distant from the cornera Posthors will be defined by a Votor that is estectively just a position A ly will be desired by an origin and a Specton, each get by a vector. director will be given as a Vist Vector (leight of a single with Units are Not to be Sarfird. Cash vay will be turned into a line of parantinz fuctors of t. F= P. + tr where is she live, F. is the origin, and After walls are dealow that will be someway to determine if the love interests dhe wall and at what fix true That will detain the color and the prographs of the vertical Serve of pixels

with soil be withally detailed a 2Dary of integers with o beny open space all organitree number begy a wall. Separt wall will have it's own number of or ord great blue This couldalso be defined by a My Vector of 3 dipurion For each PEFB value? Must likely floats [0-1] heght of wall will scale with the distruc t flut the centra is from the wall. Ursur on the spentie factor butthet will how to be expremed with.
The wall is from the floor will -also muel to be Scaled. Il will also mut some way of dunloping a fine or III B South erogh but what about 2 wells? to extend cach wall by alextrucell 3 volonger visable.

Though this loss betty yearsthe point.

What if the line sees I walls nits path?

Set the color to whicher wall is close.

And if the ray/line happers to see the seem of the walls (this boy where the 2 mills into sect)

There we will pick one of the walls arbitrarily

to Show the color of.