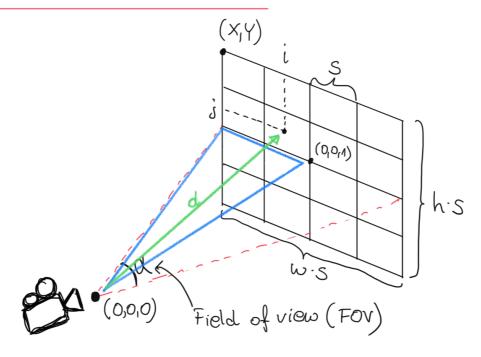
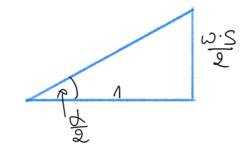
## Input:

-camera opening angle (For)
- width, height of the image
(d, w, h)



ie (0, ... co-1) je (0, ... h-1)



$$\frac{\omega s}{2} = tg \frac{\lambda}{2}$$

$$s = \frac{\lambda tg}{2}$$

$$X = -\frac{\omega S}{2}$$

$$Y = \frac{hS}{Q}$$

## Computing per-pixel direction of

W,h - width and height of the image in pixels (X,Y) - top-left corner of the image plane (Z=1)

For 
$$i = 0$$
 to  $\omega - 1$ 

For  $j = 0$  to  $h - 1$ 

$$dx = X + i \cdot s + 0.5s$$

$$dy = Y - j \cdot s - 0.5s$$

$$dz = 1$$

$$d = d/||d||$$
End

End