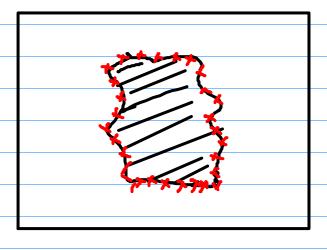


Bourgest baings



```
(4, 1, 2)

[[[ 21 356]]

print(cnt.shape)
print(cnt)

[[ 21 391]]

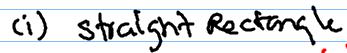
for val in cnt:

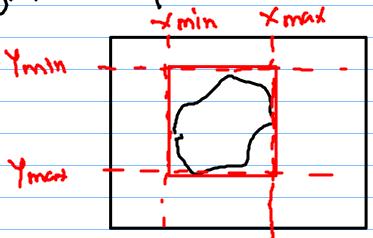
[[ 56 391]]

(x,y)=val[0]
cv2.circle(img,(x,y),5,(0,255,255),-1)

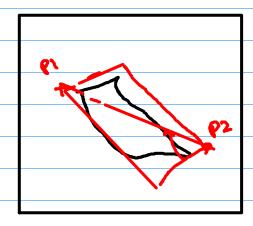
[[ 56 356]]]
```

Bornding Rectangle

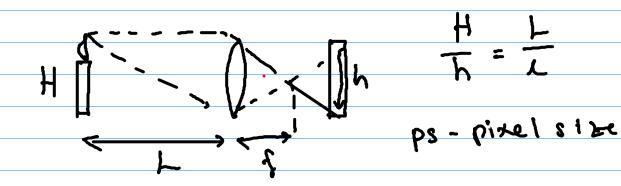




(n) Retated Rectangle



Finding the real area of object



The triangle similarity goes something like this: Let's say we have a marker or object with a known width *W*. We then place this marker some distance *D* from our camera. We take a picture of our object using our camera and then measure the apparent width in pixels *P*. This allows us to derive the perceived focal length *F* of our camera:

Steres Vision

$$D = \frac{f * b}{d * ps}$$

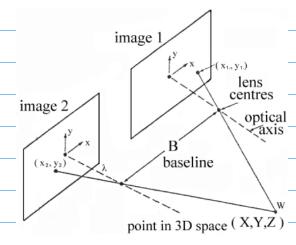
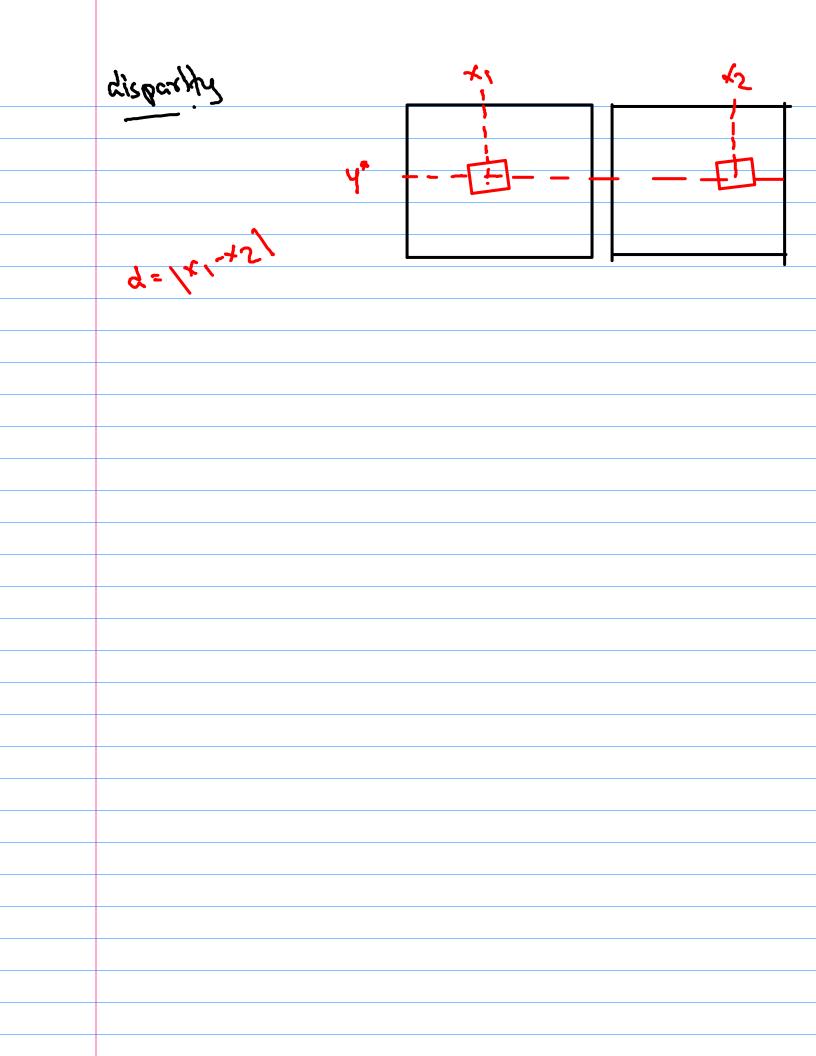
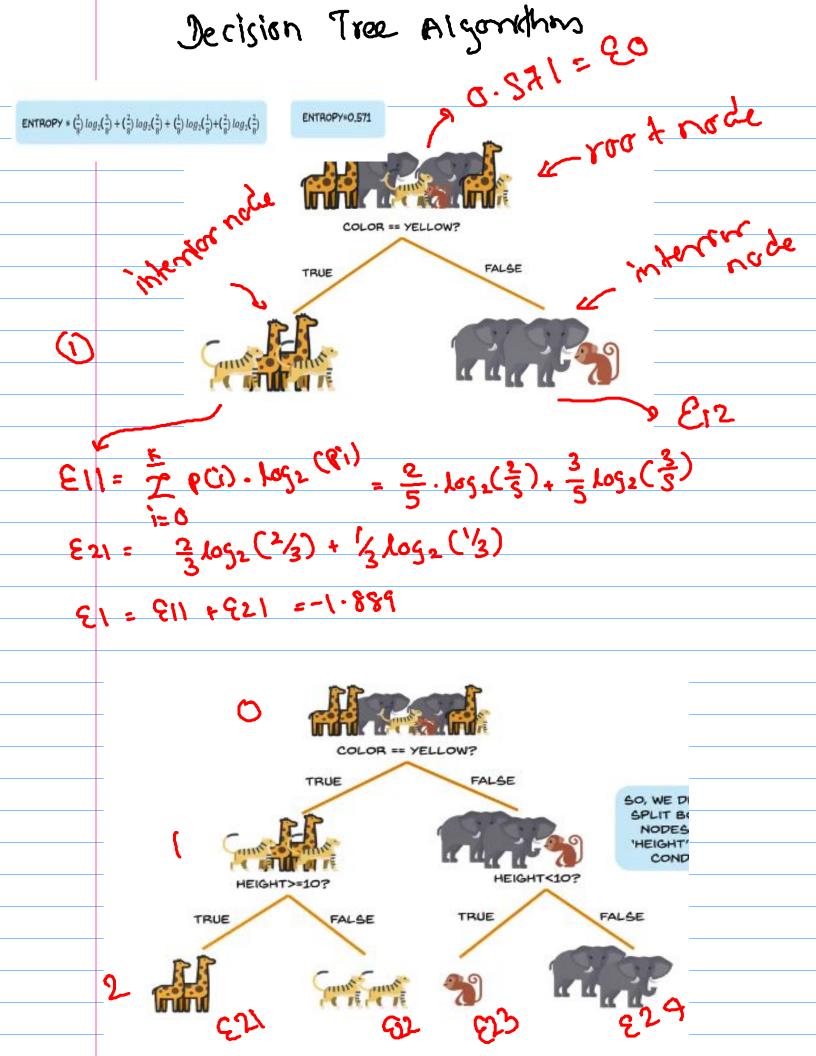


Figure 2. Stereo image geometric model.

f=Focal length b=Baseline d=Disparity value ps=Pixel size D=Depth





22 = 921 + 823 + 822 + 829

$$H(x) = -\sum_{for \ k \in target} (P(x = k) * log_2(P(x = k)))$$

$$621 = \frac{2}{2} \log(\frac{2}{2}) = 0$$
 $621 = \frac{2}{2} \log(\frac{2}{2}) = 0$
 $621 = \frac{2}{2} \log(\frac{2}{2}) = 0$

Jule Zaju

$$H(x) = -\sum_{for \ k \in target} (P(x = k) * log_2(P(x = k)))$$

[Root node] £2,03, MI,72 80= 2 log (2/8) + 3 log (3/8) + 1 log (1) +2 log (2/8) candition (color == Jellan) E5, W) 93,72 E11:3/205(3/5)+2/05(2/5) 2/3 Los (2/) + 3 = 0.97 LOG CY3) 198.1=13 2/00=20-21=0.02 condition (color == gray) 512= 3 Los(36) + 2 Los(4) + 2 Los(26) + 2 Los(36) + 2 0ء ١١٦ 260=1.91-1.96=0.35

| 4 | + objective -> to maximiz | e info/pain |
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| Ca = | e s-so, vg-so | . VY-50 |
| £0 = | | |
| | 5/L(3.1-5.6) | |
| | condition S/L2/3.1 | |
| | | |
| | True | False |
| | 211 | 912 |
| | _ • | |
| | 0.8 15 W/B | V / \ |
| | | |
| | | |