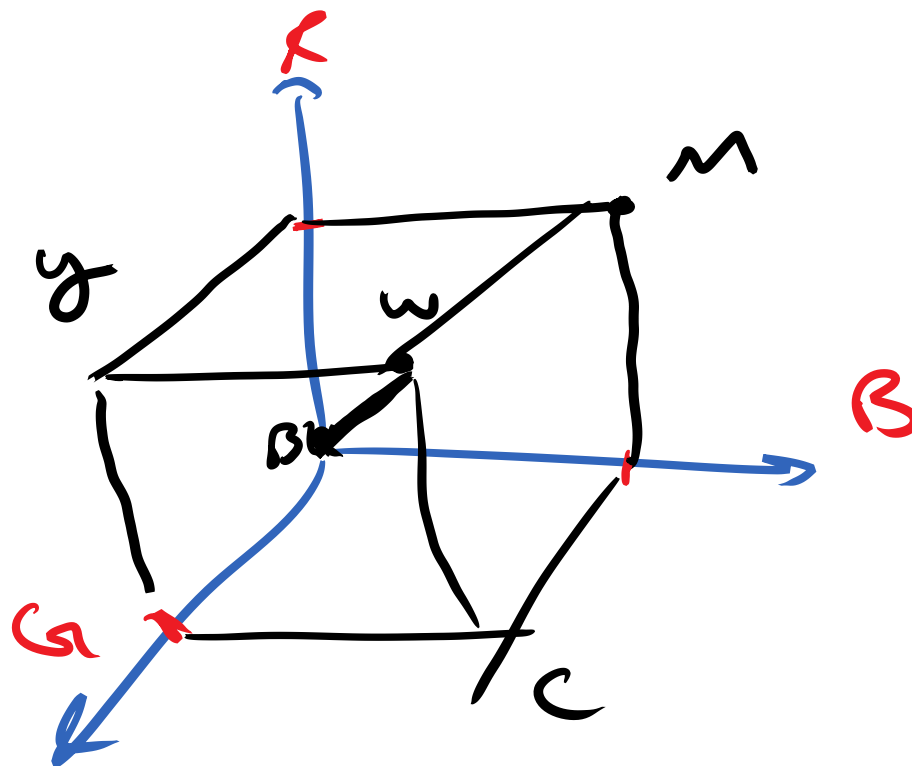
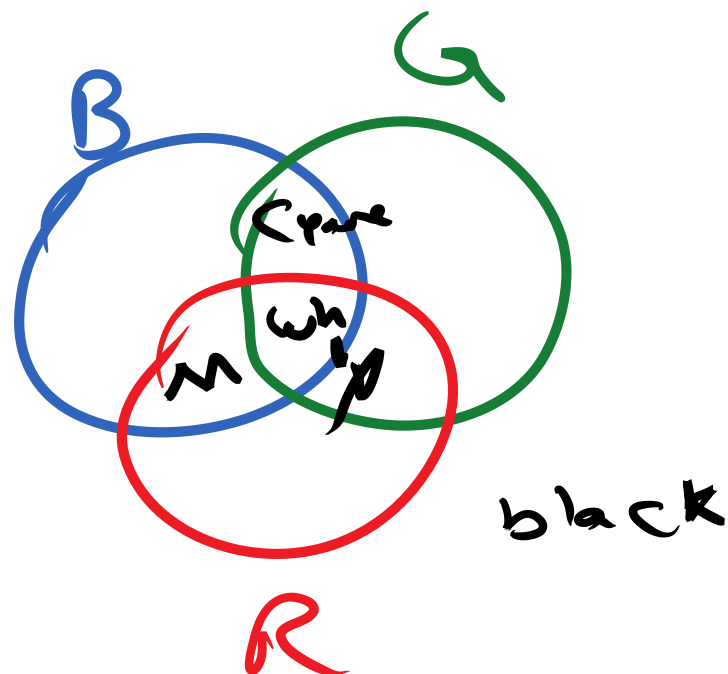


دین فہم:

سب سے

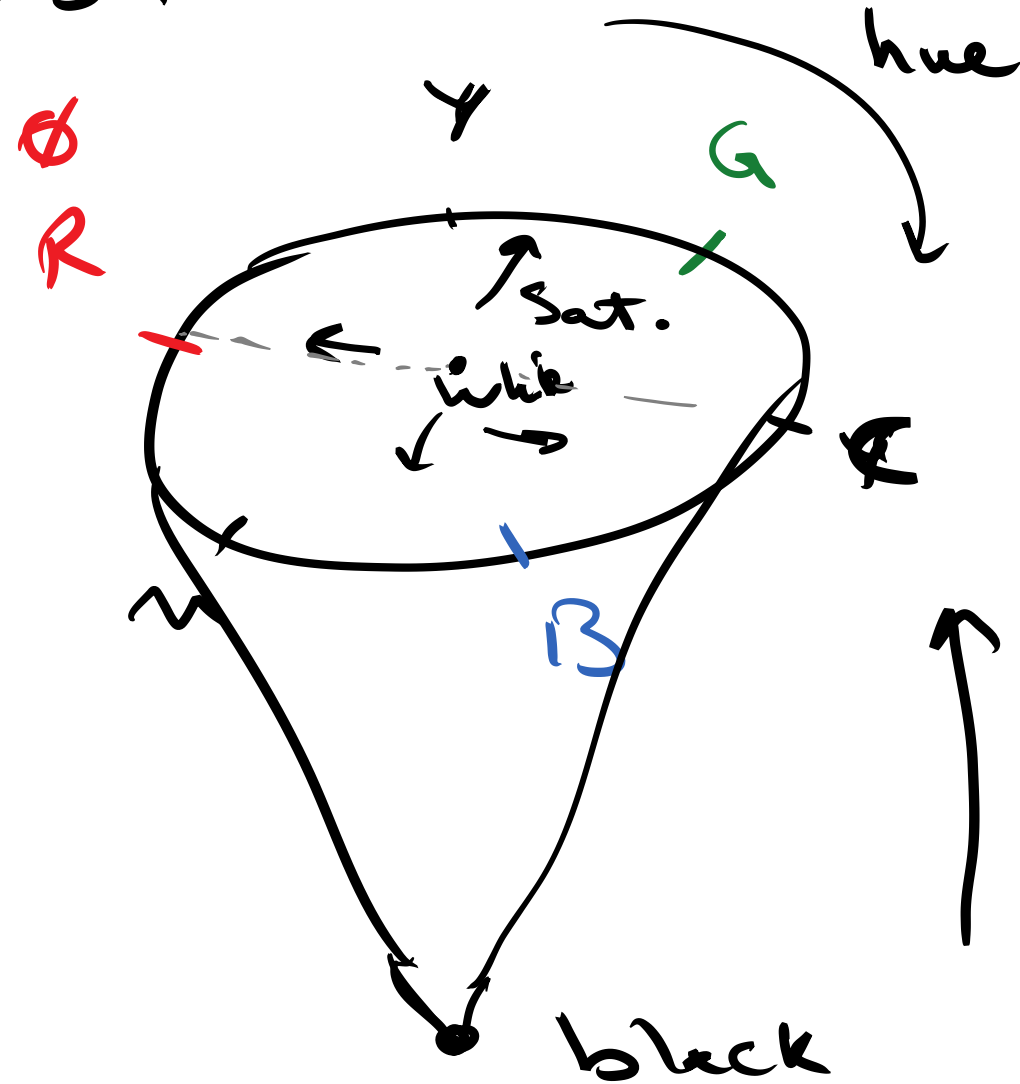
Open  $CV \longrightarrow BGR$



Color  $\longrightarrow$  Gray

$$\text{Gray} = \frac{\alpha_1 R + \alpha_2 G + \alpha_3 B}{3 (\alpha_1 + \alpha_2 + \alpha_3)}$$

# HSV



hue Saturation Value

$0 < \text{hue} < 360$

$0 < \text{Sat} < 100$

$0 < \text{Value} < 255$

$0 < \text{hue} < 180$

formats:

• BMP  $\rightarrow (w * h * 3 + C)$  bytes

• PNG  $\rightarrow (w * h * \underbrace{4}_{\text{RGBa}} + C)$

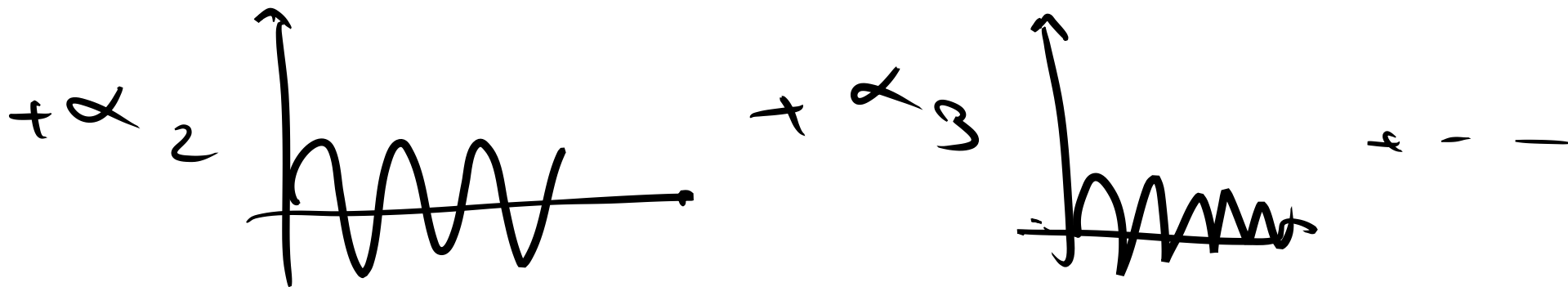
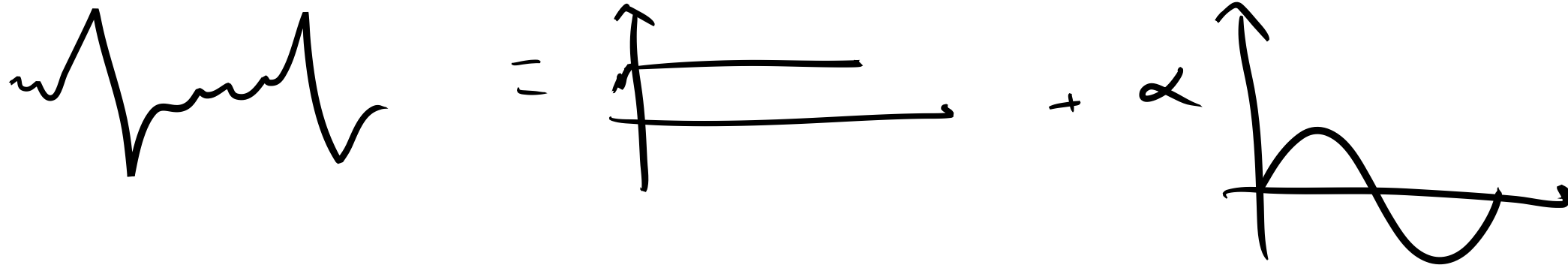
• Tiff CMYK  
2ch  
3ch  
4ch bytes

• Gif

15 fps  
30 fps

frames

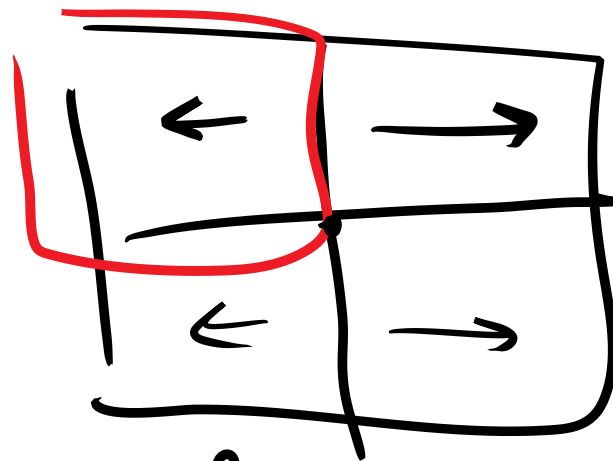
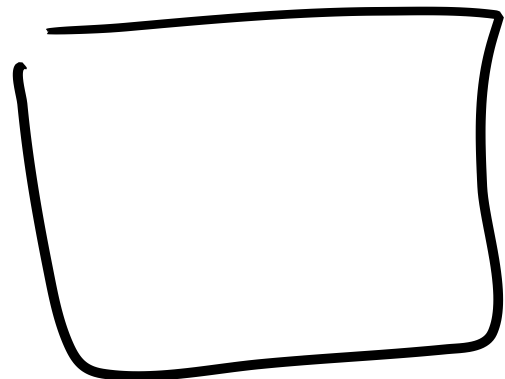
• Jpeg



$$\boxed{\text{Diagram 1}} = \boxed{\text{Diagram 2}} + \alpha_1 \boxed{\text{Diagram 3}} + \alpha_2 \boxed{\text{Diagram 4}}$$

$$+ \alpha_3 \boxed{\text{Diagram 5}} + \dots$$

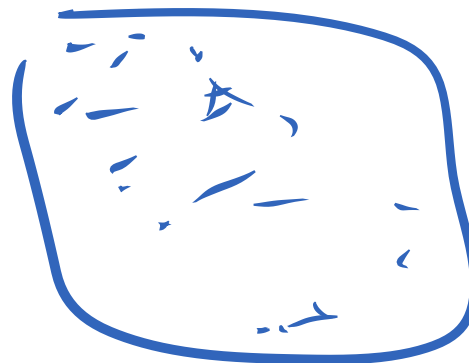
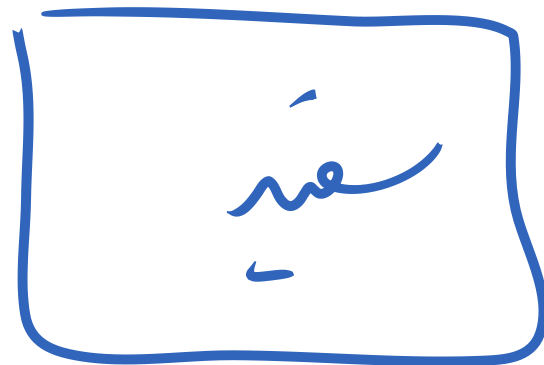
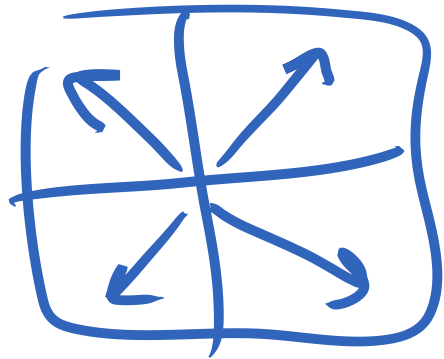




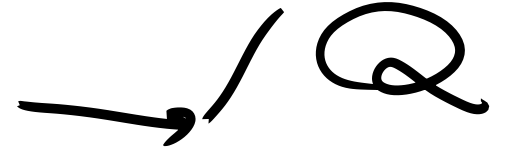
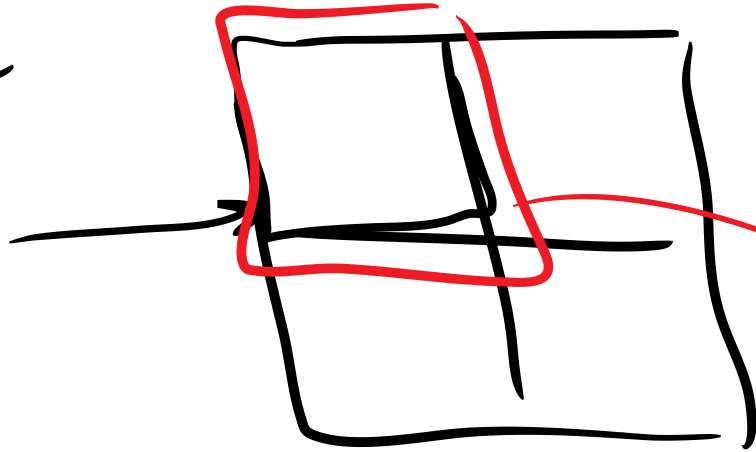
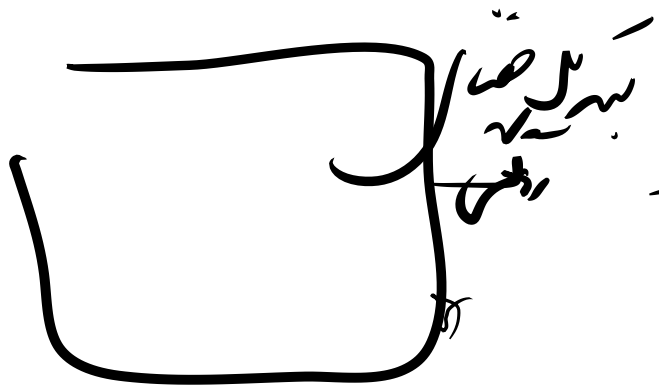
ربع اول ص ۱۷۱ و ۱۷۲

Handwritten notes in Urdu, enclosed in a red box. The text includes:

- فقرت
- عزت
- دست
- کلمہ
- کلمہ



jpeg



→ jpeg

$$1 \longrightarrow \sqrt{2}$$

$$0 - 100$$

<del>W</del>	<del>W</del>	<del>W</del>	W
W		W	
	W		W
W		W	