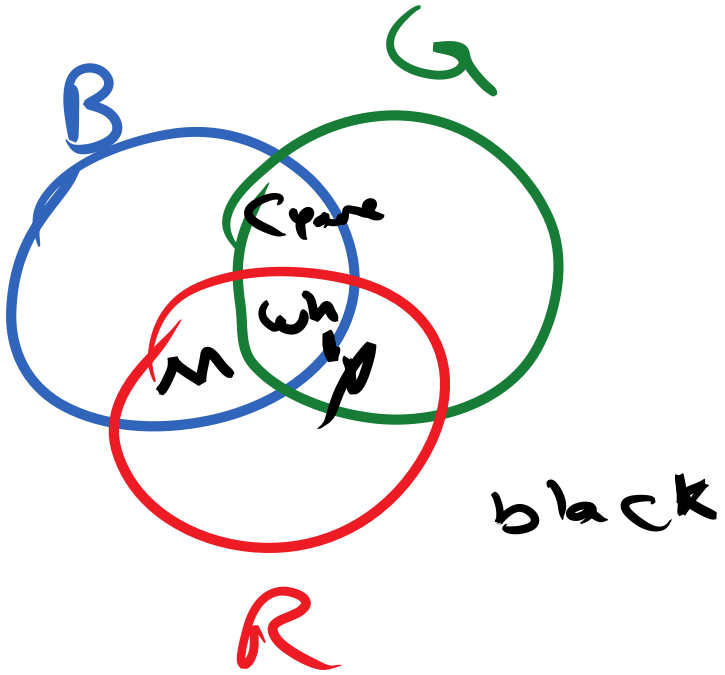
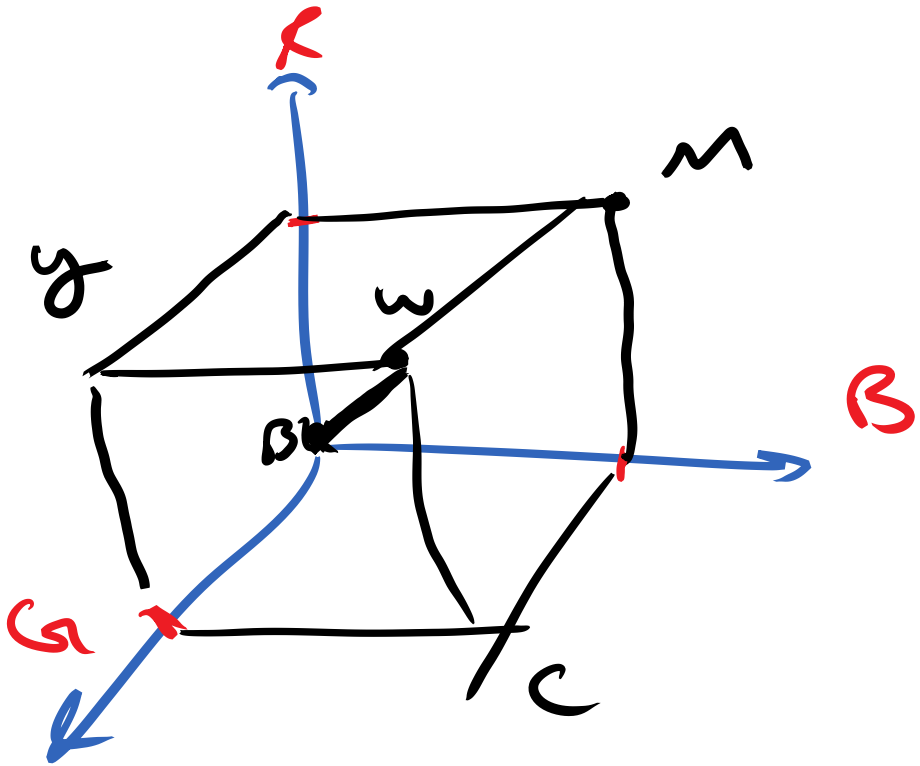
دستان هم:

رنگ ها

OpenCV ⟶ BGR



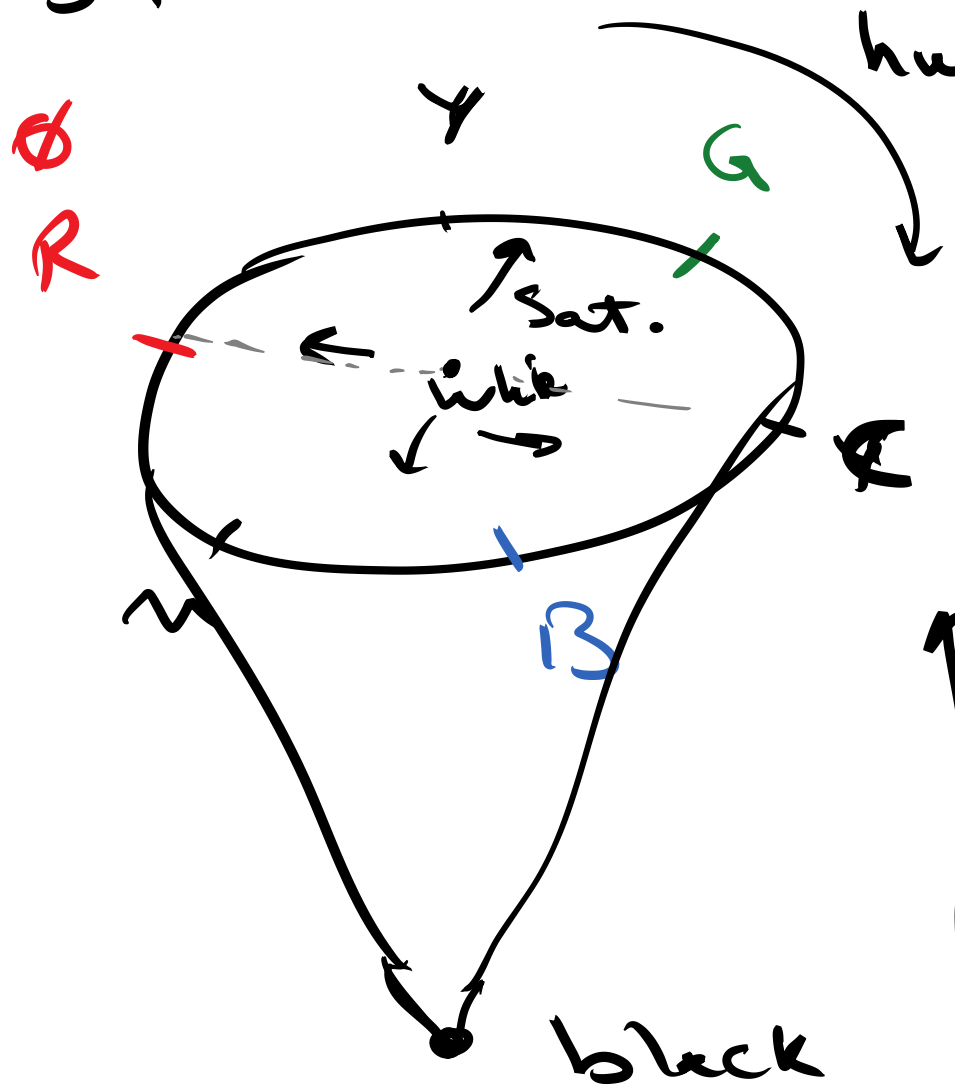


Color $\longrightarrow$ Gray

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

HSV

hue Saturation Value



$0 < hue < 360$

$0 < Sat < 100$

$0 < Value < 255$

$0 < hue < 180$

formats:

- BMP → (w * h * 3 + C) Images
- PNG → (w * h * 4 + C)
  RBGα
- Tiff
  - CMYK
  - 2ch
  - 3ch
  - 4ch

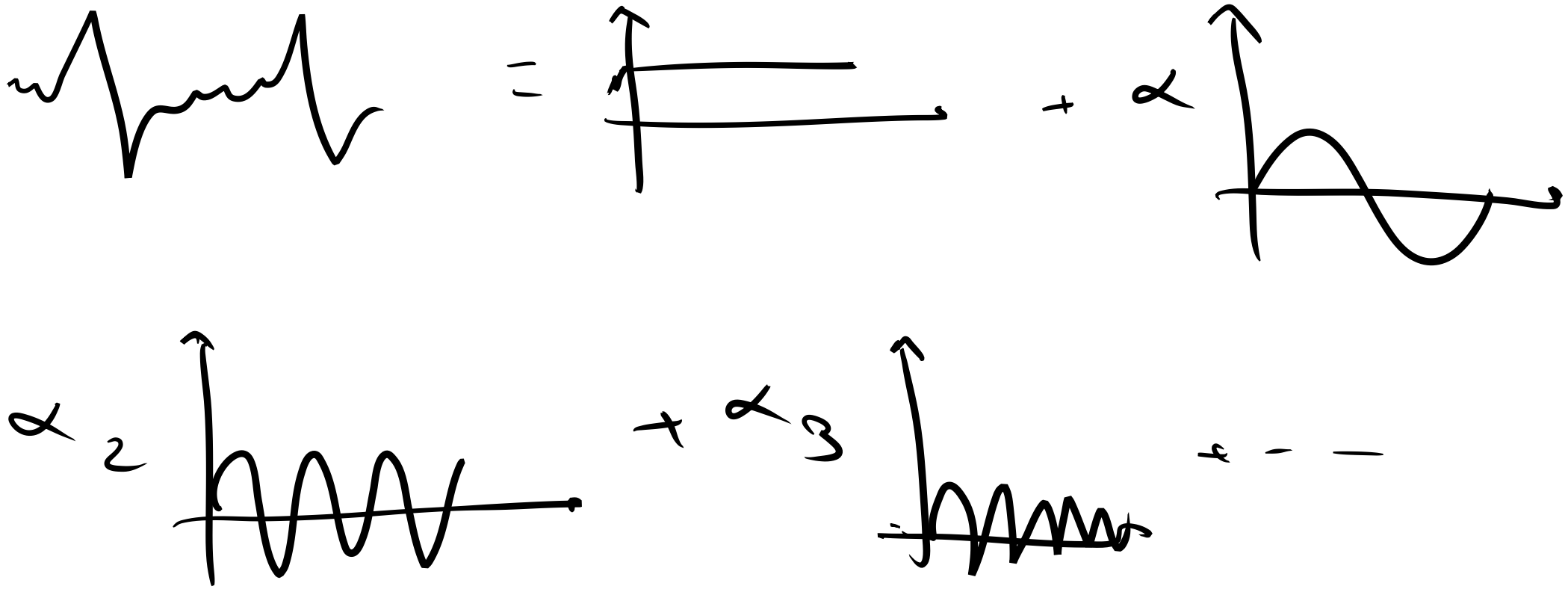
Images

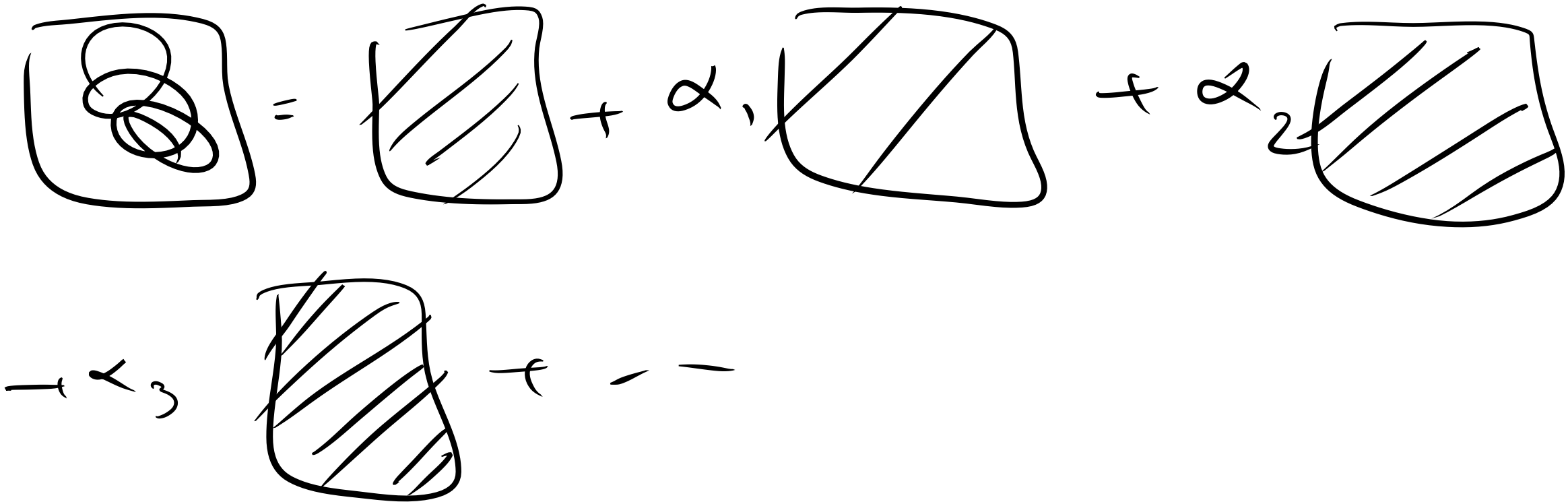
- Gif

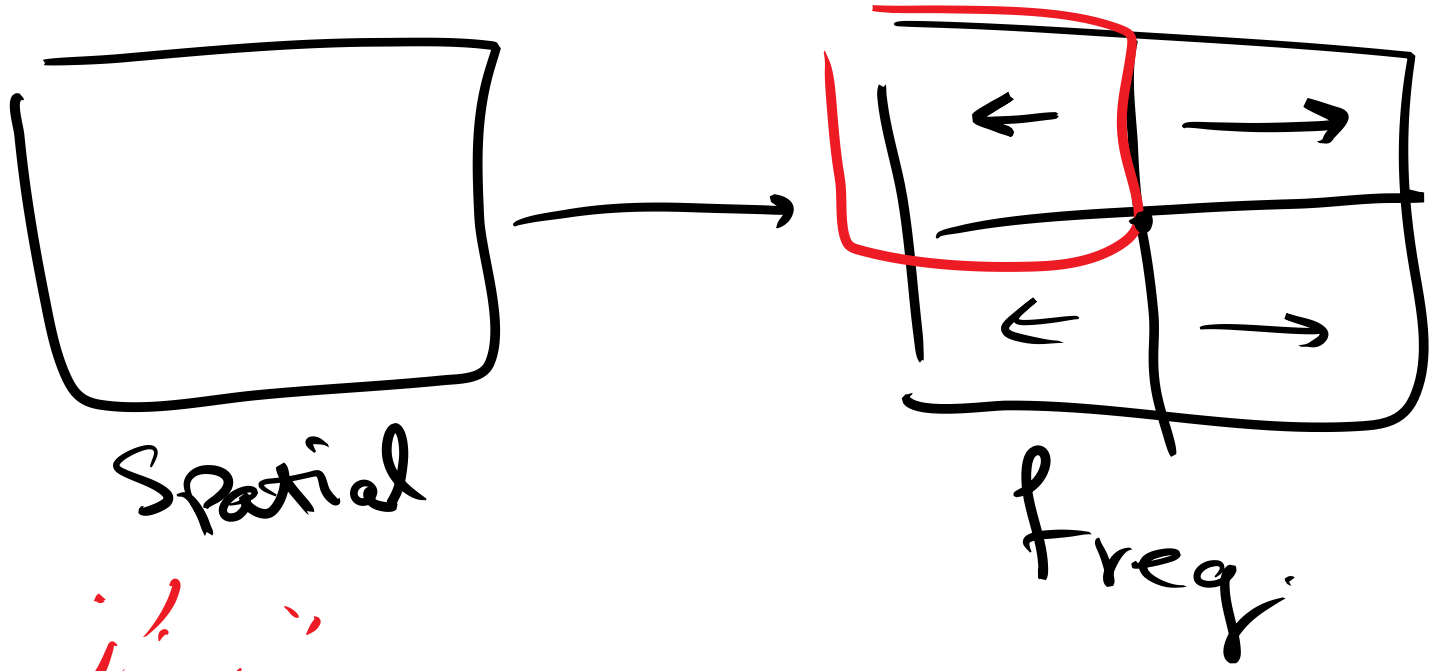
15 fps
30 fp

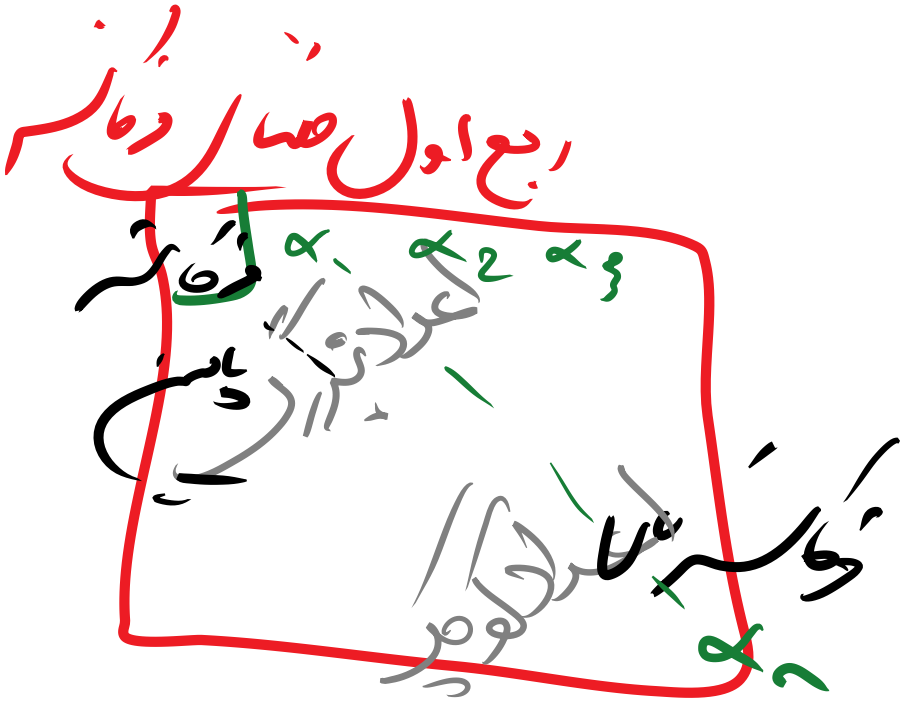
hashes

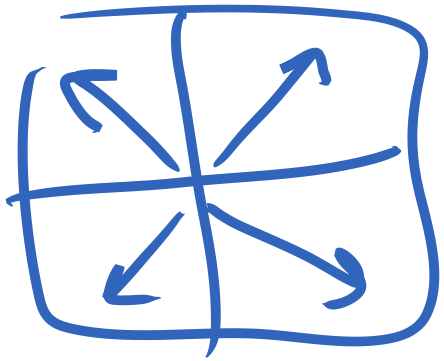
- jpeg

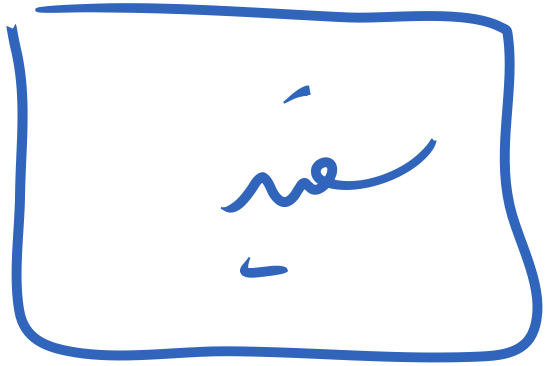


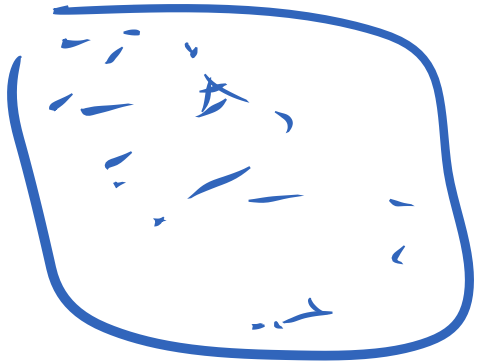

=
+ α1
+ α2
+ α3
+ - -


Spatial
Freq.

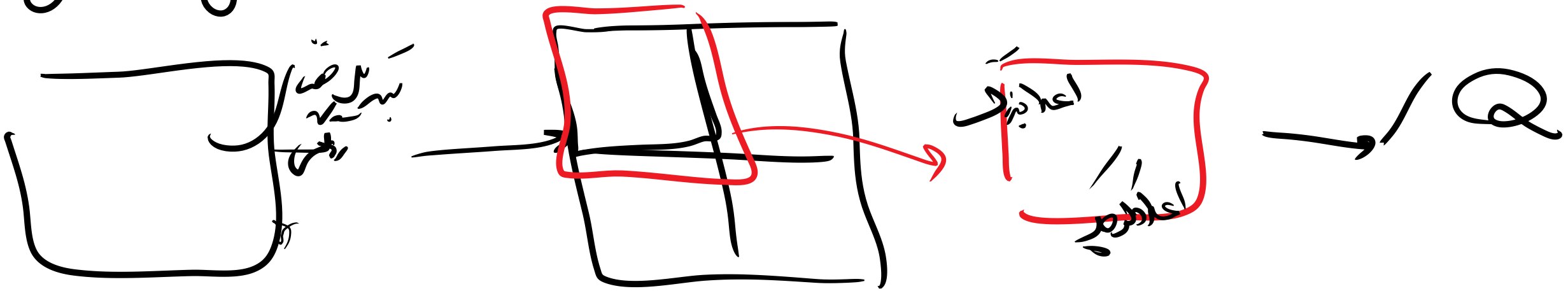


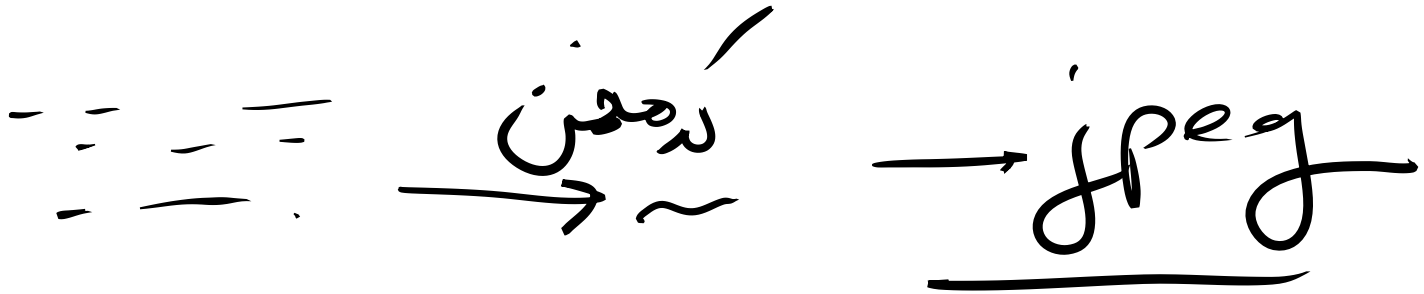


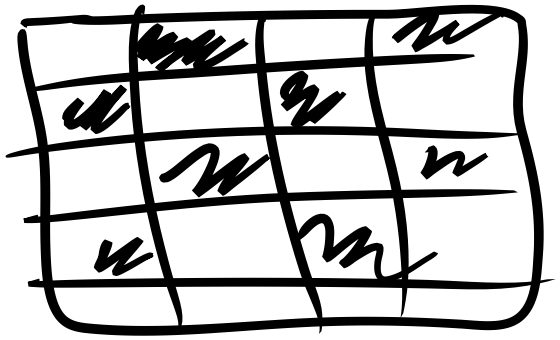




jpeg





$1 \longrightarrow 12$

$0 - 100$