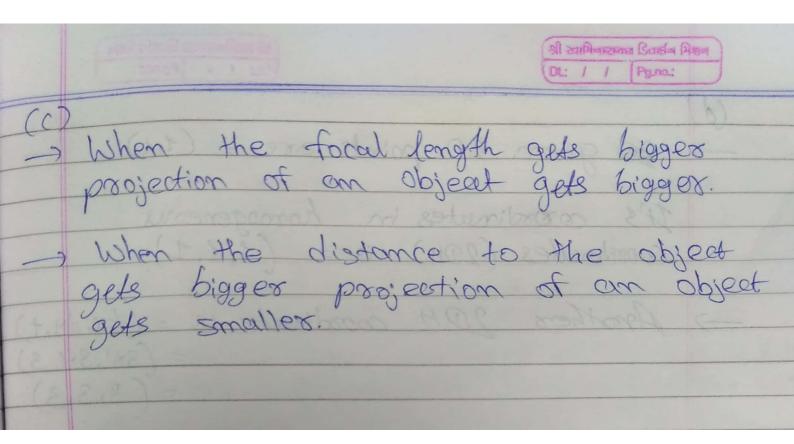


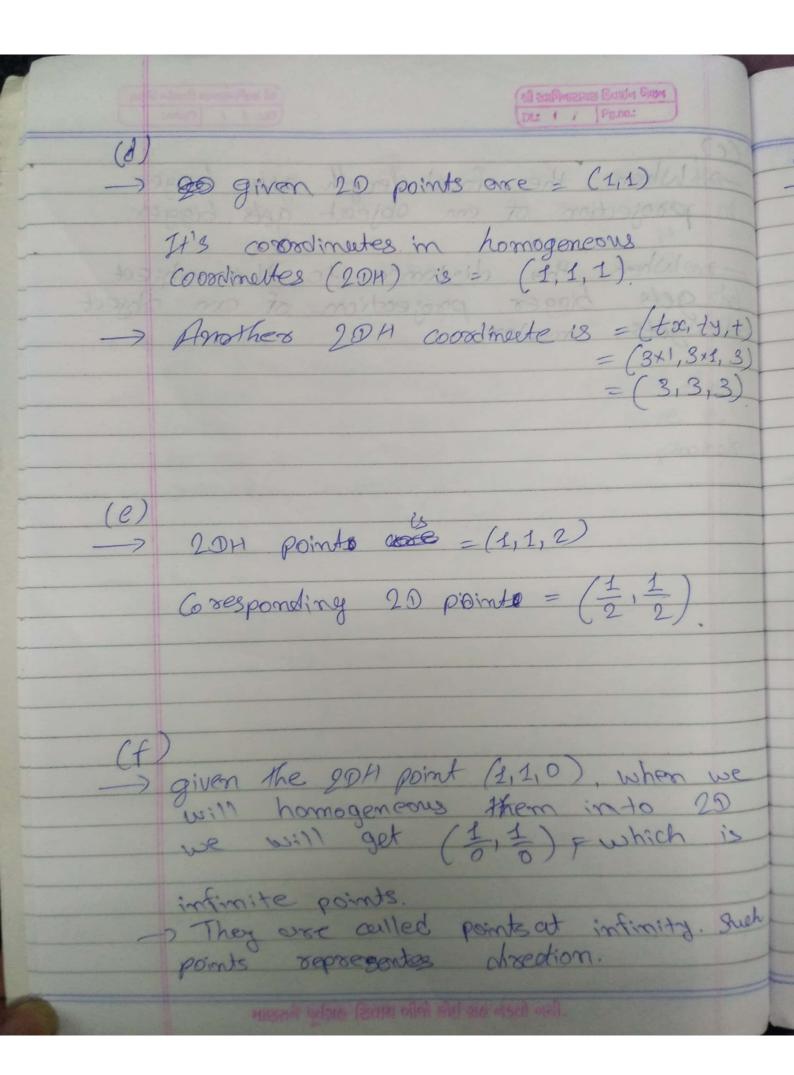
(b)

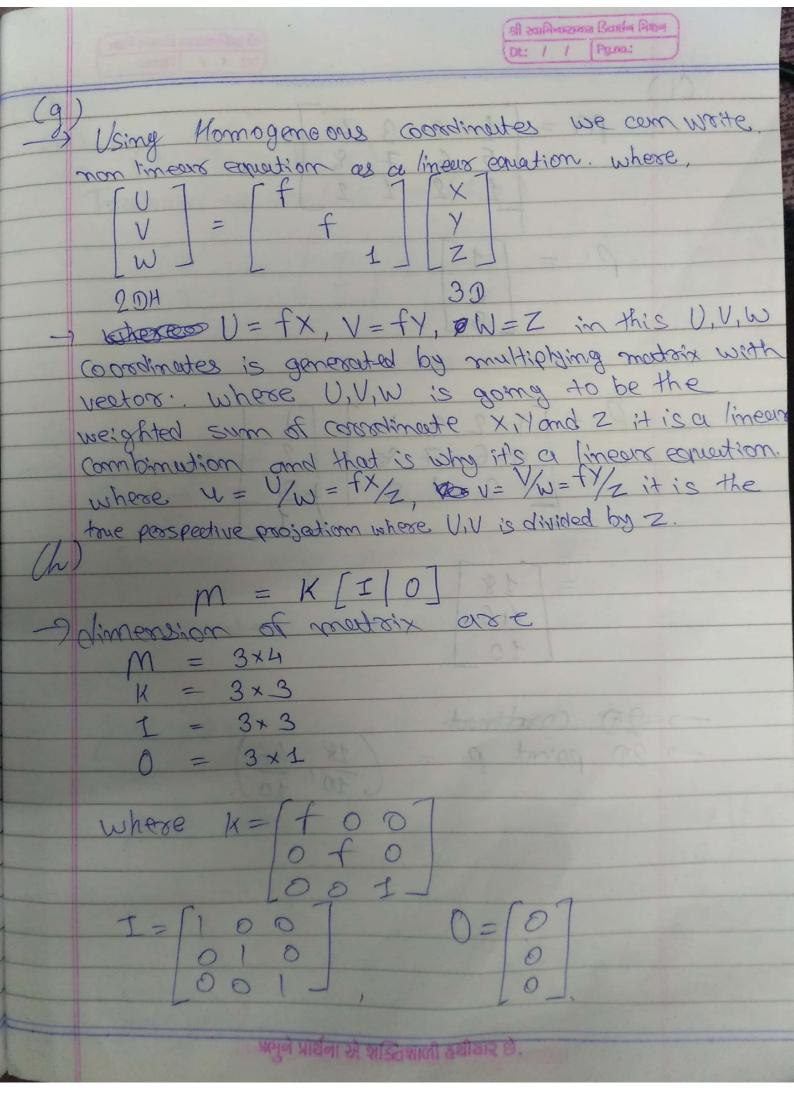
In pinhole armeral model where the image plane is better because it gives more accounted image then the pinhole comera male where the image plane is in front of the center of projection.

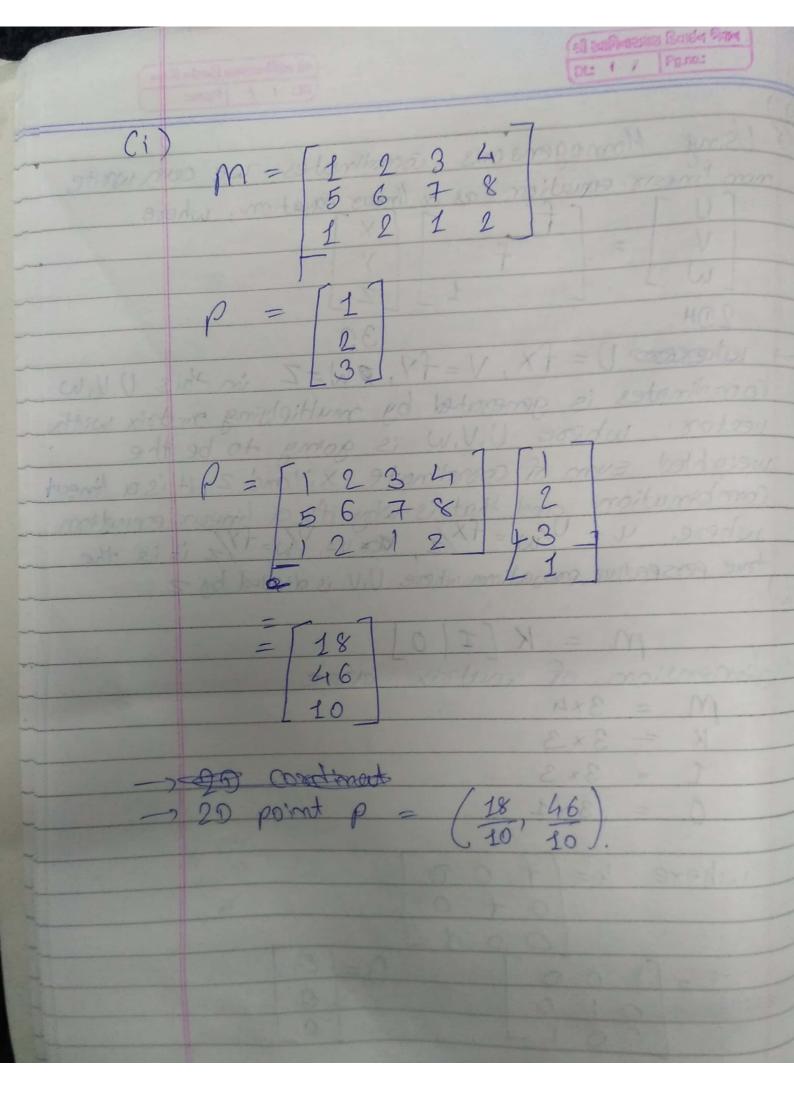
There image plane is in front of the center of projection.

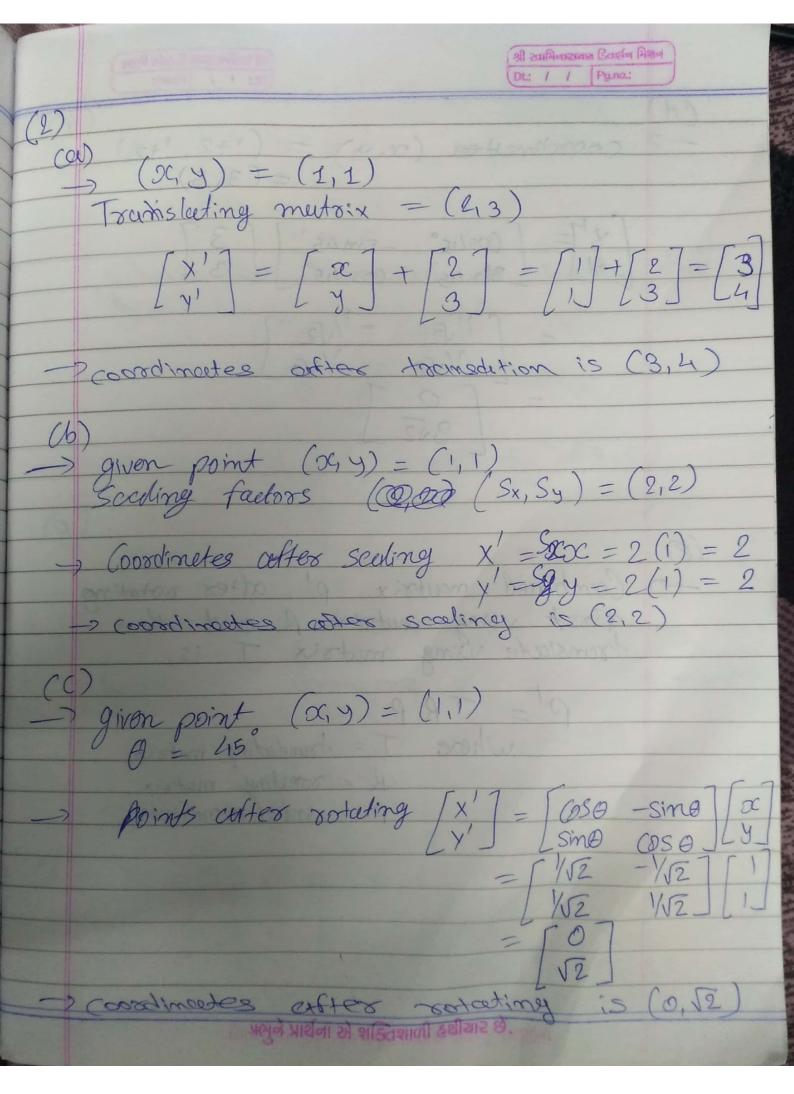
Where image plane is behind the center of projection it will give a better corresponds to physical pinhole armeral model.



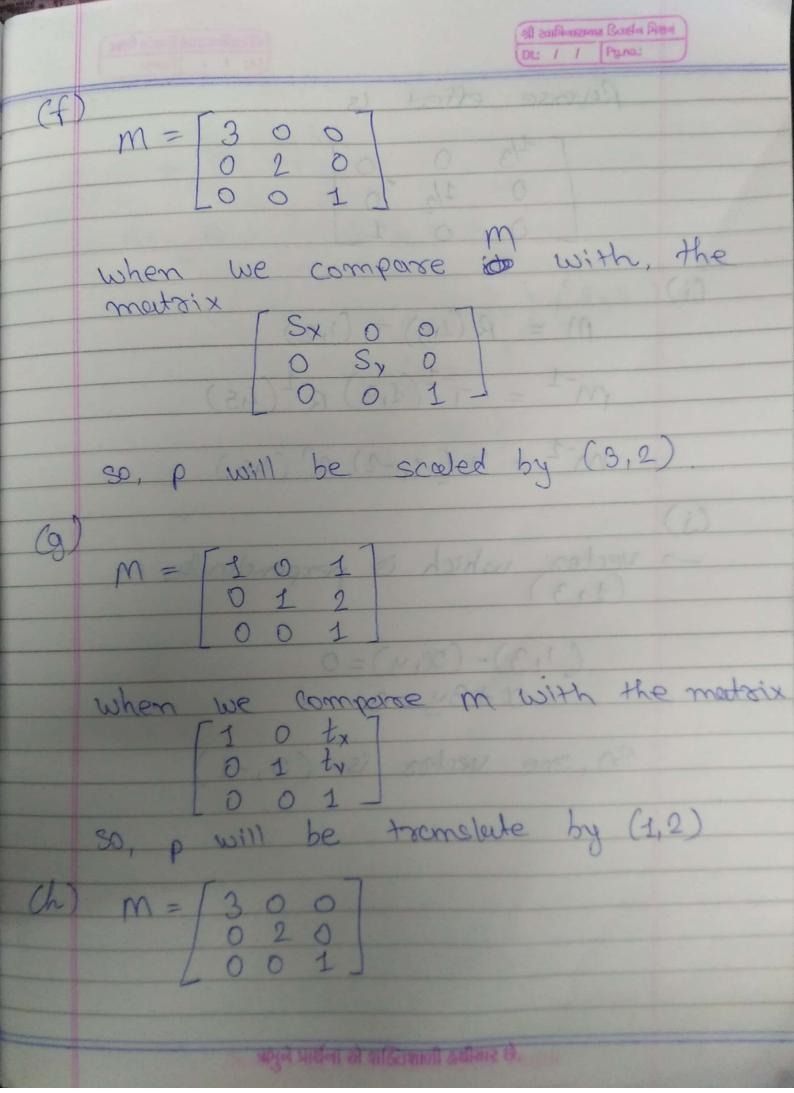


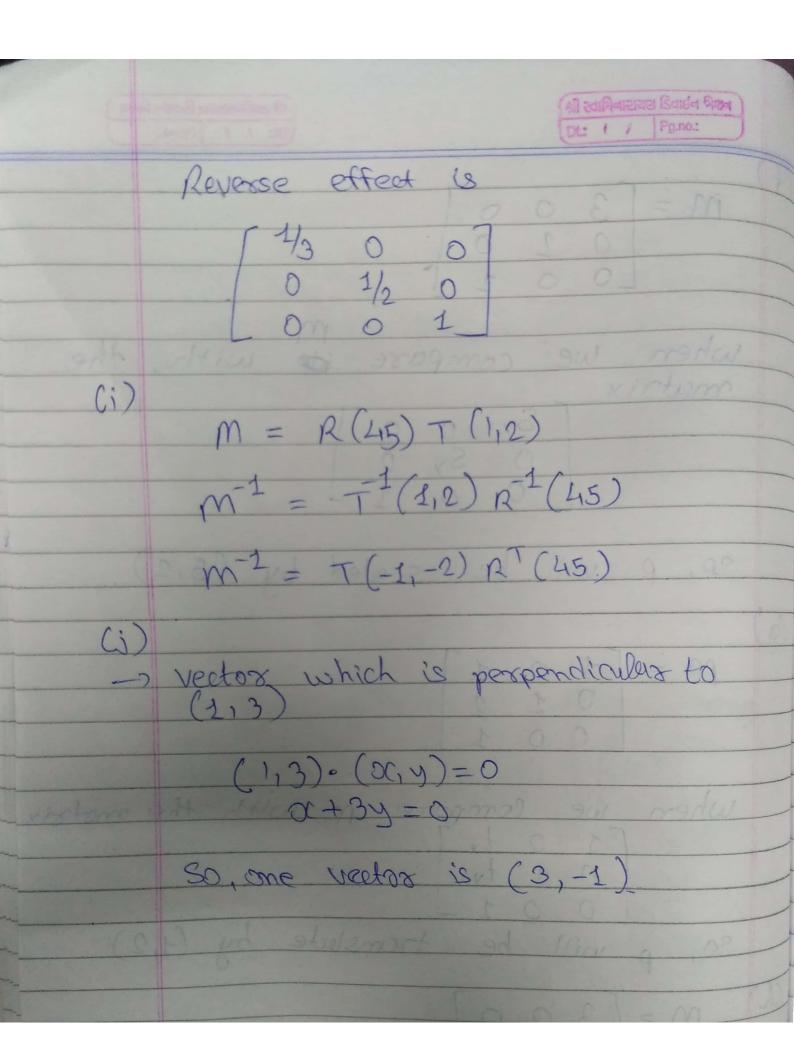




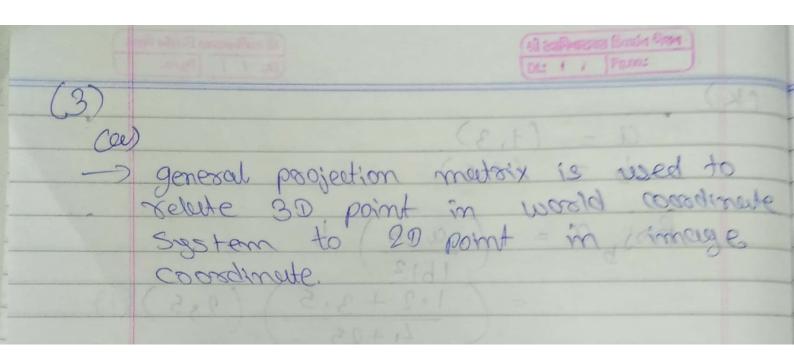


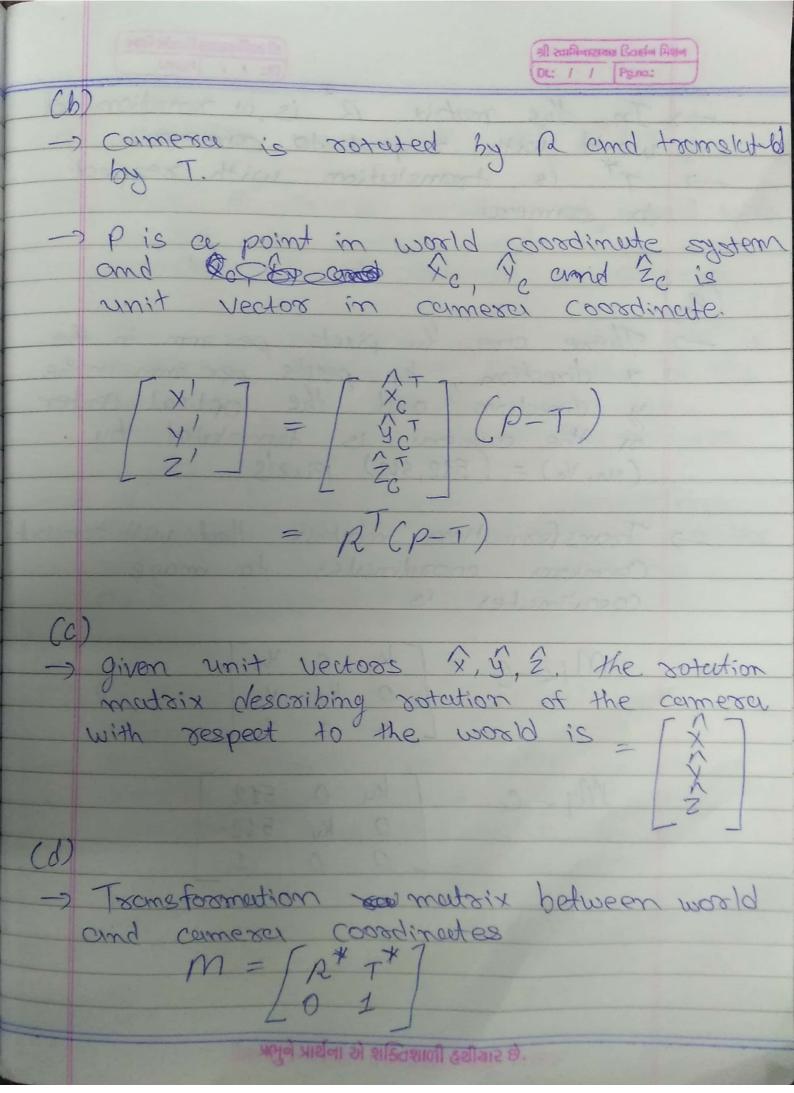
श्री स्वामिनारायस डिवार्डन भेगान coordinates (x,y) Cosus° - Sin 45 cas 45° Combined mutrix p', after rotating first using meetrex R and then translate using matrix T is, T = translating matrix = soreting matrix P = intial acommentes





श्री त्यामिनास्यक्त दिवार्जन मिशन Pana;





	Artic El confidence कि शिवा कि
->	In this meetsix R* is a votation of
F-BULBOX28	world with respect to comerce
->	To is translation with respect
NY1242 253	to comerci.
	3 hours 10 52 6000 - 1830 500 600
(e)	whit vector in comerce county
-7	There are Ku pixels per mm in the
	There are kn pixels per mm in the y direction, kn pixels per mm in the y direction and the optical center
	y direction and the optical center
	(40, Vo) = (512, 512) pixels.
	(MO, VO) - (D)L, DELL POINTS.
-)	Transformation maetrix that will convert
	Comerci coordinates to image
	Coordinantes is
miliate	m. a rk a v. T
incom/o	O Ky Vo
E 2	1 6 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 7	
13	M: LC = Ky 0 512
	0 Ky 512
Lat .	6001
	Translation of the translation of the

श्री स्वामिनासमात दिवार्गन मिणन Dt: / / Pg.no.: - Projection moutrix M = K*[R*] T* -> Here, R* is a rotation of world with respect to comercu and is the translation with respect to comerce. - Here, in the projection meetsix K* is intrinsic persumeter. The value of this change the position of the comercu. R*/T* is a extrinsic parsumeter.

This personneters. Value of this porsonneter will change when you change the position of the commerci. 20 skew personneter increases the accuracely of the model. SE you want your model to be conside then 20 skew parameter is necessary and sometime in some model we can ignare it.

(शी स्वाभिनास्थल डिवार्डन भियान) Dt: f / Pg.no.: - 7 When we taking into account readical lens distortion then it complicates the projection in comerce model. -> Here, I depends on the distance from the center. When the center is ut zero. Then there will be no scale. -> when you move from the center it makes projection of image more difficult. perspective means distance object looks smaller. A weak perspective is correct when smaller compared to distance from comerci. In weak perspective images looks ces it is because there is not much perspective. In Affine comesa is resed to make the projection matel more easy The affine comesa preserves persallelism.

श्री स्वामिनारायाम डिवार्डन नियन Dt: / / Pgm: (4) albedo of the surface in the (al) -> The difference between surface radionce and the image radiance is that the surface radiance is a light that will be reflected on the surface and the image rediance is a light that is received at the image. Cb). -> Reediosity equections relating surface.

radiance and image radiance is, $E(p) = L(p) \pi \left(\frac{d}{e}\right)^2 (\cos \alpha)^4$ E(p) = image radiance L(P) = système judiance d = diameter. = foccel length.

शी स्वामिनारातस डिवार्सन मिकन Dt: / / | Pg.no.; -> Albedo of a surface is a reflection . coefficient. -> It gives us the idea that how good -> The value of Add Albedo is between -> When the value of albedo is a then
it means that synface did not o and 1. reflect light. -> When the value of albedo is 1 then it means that surfcee reflected excellent light. - Ras color model is used become our human eye work on this made. It detects the light and sond it to frain o Given the RhB color rube, the line that connects (0,0,0) and (1,1) contains all the grayscale alos

्री स्वामिनासवस डिवार्सन निसंद I We can map the RAB color to seed world colors by doing experiments. When we change the different value. read world w the few as versional with them we select the julie. Use of the luminance component y in the CIE R&B color model is to convert the colored image to greyseale black & white) image.) LAB color space is close resemblence to human perpention. It has wide color gamet. It frecests bleeck and white as their own opponent channel. -> Also, we can boost the color in LAB color space.