Apel Rahman Sheet 140122980TES Indro duction Computer Graphics: Processing an image description (Geometry + Photometry appearance) to digital impe Pattern Recognition: Considered Computer Vision takes the digital image to an image description offer be processed Processing on image to endance or Compress the images or manipulate to change how if looker aff lates Solid Works, and other CAP applications and Viguelization Simulators, Showing the Human Sca Nile Visual & AR Stores

's the smallest unit in digital graphics usually conciting of 3 Blue Green, to show rulliple Rosalution: It's the number of Points per Centimets. although it's often simply stated as the Total number f Boints in each direction (NPPL*NHL = # of Pixels / live * # of horizontal lives) · Phosphor Persistence: - it's the time it takes the emitted light from the phospho cooling of the screen to decay to one tenth of it's or given intresity. Kobo: The rate of vertical points to to produce equal-leight lives in both orection & of the Crown = Width of a pixel height of a pixel Number of colors aviolable, sin ultaneously, for auser Comut: Rong of all colors a physical system can produce CRT monitor displays color pictures by using a combination phosphors that emit different color when an election hits that dosphor it emits it the electron gun moves a live at

3. PAT = (FT-NHL * HRT - 2* VRT) / Resolution NO From Hor: could Retrace lebrace 4; me lived Time lebrace 6ine between are fram and another (each complete scan)
· Regolution = MPPL * NHL # of lies/live
HRT VRT FT = Refer Rate
Resolution PAT = RR - NHL* HRT - 2* VRT NHL* NPPL (19)
PAT = Resolution Resolution #
Nile

Resolution Bo 1280* 1024 RR = 60 Figures (Second NOTES) HRT = 5 MSec, VRT = 500 MRC AT = RP - HRTANH - SVRT Resolution · Resolution = 1280* 1024 NHL - 1024 · RR = 60 FPS = 1 · HRT = 5x/0-6 second · VRT = FOO x 10-6 sponds PAT = 600 - 1024 x 6x 10-6 - 3 500x 10-6 1280 4 1024 AT = 8.43×10-9 50000 ffrel Pixels Persond = 1 = 118.624x10 6 Pixely Sac. (5) No but the combination of RGB are good anough to represent most colors. Nile

