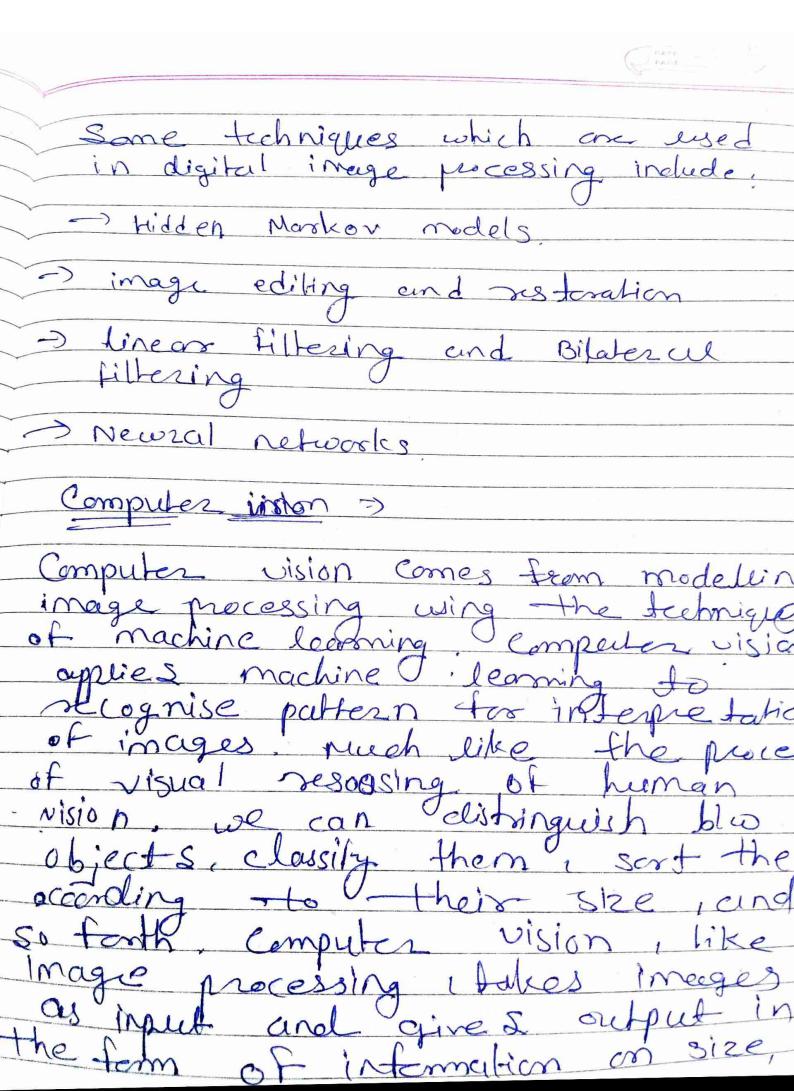
Moll No. 0501CS171092 Name: suchitra subject: image precessing & computer vision. Subject code: cs-803 (a) · Computer vision and image processing =) A human eye has between six and seven million cone cells, containing one of three colours - sensitive predbeing known as opsins, when photons of light hit these opins , they charge shape i triggering a cascade that produces electrical signals, which in turn transmit the message to the beein for interpretation Image processing > Digital image processing was princered at NASA'S set propulsion laboratory in the late 1960's i to comerat analogue signals from the Ranger spacecraft to digital images with computer enhancement Now, digital imaging has a wide searge of applications, with particular emphasis on medicine.



Calor intensityr etc. Below one the components of system, comera · lighting derices · Frame grobber · image processing slw · Machine learning algorithms for pattern secognition. Display screen or a trobotic orm

Led Carry out an instruction
obtained from image interpretestion Q.L (b) Different types of (v models. arriculum vitae ((u) means "course of life! in latin. A cursiculum the busic information of a potential job application which includes centract information Education i work history and acheivement

Typees of cv Theore one different types of formats used in preparing a good cv. They include the Chronological cv. functional (v, and Combined (v which is which Is a combination of the Iwo chronological (V The chronological or performeince CV is the most tradition and widely used format. This type of CV basically outlines your work and education history and is ideal if you have stayed in the same correct for most of your working life steadily working your way up. tunctional (v This type of (v forcesses in and highlights the skills and achievement that you have greined throught your whole working consider where and

when you acquired them. This is useful if you do have geeps in your working correer or if you confirm to theinge correer computered combined (V ) also called the crono-functional (v. it follows both the (horonological and function format which makes the (v) slightly longer than normal. The arceall types of (v is chronological (V. function (v combined (v Q. 16 6 explain Rule-based segmente Rule - Based Sagementation > Rule Based Sogmentation examines uses behaviours and Jagments user groups based on a set of rules, The specific "Eules' charge from one School of thought to another ibut too the most part they be a mix

mix oxprience, meant to predict postfor example, in ecommerce, users
who abandoned a corst one of
who common rule based sayment it we look closer we can break it down to three points first the behaviour being brucked in or case the hadd to corst!

button, second the threshold. of activity , in this case it's ordeed to corst beet did it buy
finally the sewe logic which in
finally the here is the premise
that if ever added a product to cost they're probably interested in that product Where is Rule Based sagmentation useful. on the other hand I they would probably hit a negative ROAS if they try to longe I call

their site visitors with Remarketing A simple approach would either target anyone who viewed approach will be aiming too broad. Another allernay is targeting only the Additional to cart visitors, which is mest clikely too narrow this is where mule based Segmentation would kick in for them Q.4 (b) illustrate Line Pitting conve Constructing is the precess of constructing a curve for mathe medical function? I that has the best fit to a series of data points pessibly subject to constraints in which of a smooth function is coretrates that approximately fits the dates, A related topic is regression analysis which focuses more on gleestion of Statistical inference.
Such as how much uncertainty

There there

15 present in a curve that is fit to date observed with random line fitting is—the precesses
of constructing ce straight line
that has the best fit to a series of date points, seresal method exist, considering restical alistance i simple linear regression.

Resistance to outliers. Robinst Simple linear regression. A. Ine of Best fit is a straight une arown through the maximum number of points on a scatter plat balancing eabout an equal number of points above and below the line, it is used to study the nature of relation by a two variables.

