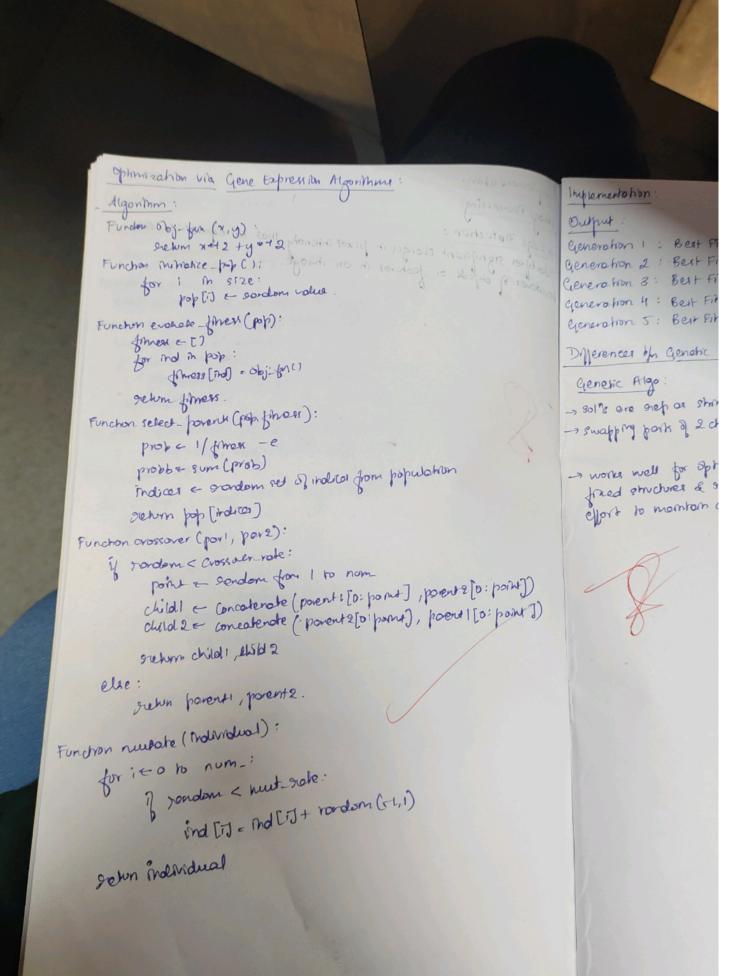
LAB-08 Implemental Parallel celliner organitions. Image Proces sensitively to perone this - 2 pop 8780, iteration and Algonthm - Edge Detec Fonction of the (a): Identifred sign Function introduce pupits: I was in pulsusyes bourdones of ob treate avoidons grid with values in range [-10,10], seekum grid.

Function evaluate finners (population): crack entry array Amoss for each cell in paper. (popticion) bordo oren encorrer or simple finners (cell) = obj-fin (popticion) bordo oren encorrer or simple finners Function updater-cell (pop, finant, neight grates): temp + pop, neigh - readily neigh state neighborrhood = 23 for difrom (-neigh-rad to heigh-road) for dy from " hi= itdi , nj=jtdy { (n: ,n;) < bound : odd (pop " [hi ni]) (brog ? Bort neighbourhood best-heigh = neighbour [o] algamm (): pop inhabite pop () fines = evol- (mex (pop) best-sol e None best - for tinformy for each Trenchion from i to Therations: new pop = update call () There evolute () And my (gher) if min-filmer < best-fit: best fit = min finer best got & soll in new popular

· 12polorkosk Implementation: Scalabil the 135 I mage Perocessing Toler tifres significant changes in pizel intensity that correspond to the boundaries of objects or features in an image. A HIGH SENSIMULA ! of Promotine con zhom gard. a sie Guerantee o To over come 1 GPSO'S Velocity select forest (fat forest): roman sourse 3- 83my/1 2 told (god) uns aggard Indias c sadom as of ideas from population (whis pop (induces) Function crossover (port) pers): A random & Crosses rate: point in sonders for I to nome Childle Constends (possis[s: point] , posses[s: point]) dulate concolerate (paratelo para), pora [o-para]) subject childs and a : 92) 9 salun poventi povente. · (Loubinabot) stokum northnut for ico to nom:) sondon < hund sole. and little up [1] + readon (chi) laubillan model



Implementation Output. Generation 1: Best Filmer = 19219 Generation 2: Best Filmers = 3.8084 Generation 3: Best filmer = 0.4556 generation 4: Best Filmers = 0.6337 Generation J: Best Filmers = 0.9917 Differences of Genoric Algo & Gene Exp Ago: Gene Exp Algo: as expression trees or linear chromosomes Generic Algo: -> 801 s ere enep or shrings) briory det - exchanging sub mess between - swapping pork of 2 chromosomes chomosomes - more suited for problem where me sollis are not fixed - works well for ophraizing & performs better compared fred structures & oreg. more + generalgo. effort to mointain diversity

([Micol:1

o: point J)