crof(00 pconcor archoo search is housed on the argorithm that some species of auchoo lay their eggs in other kirds nost to in oreast rheir chance of awwivar. They are their key eving on algorithm called levy fughts which halps dhan to find dolution space. here eggs refer to solutions and nests refer to delution offace the application used never is health course industry where the main good to minimize patient tome and rallic mary not maximize serources Pscudcode: otehr: Initialise grandom values

function auchoosearch (num-nests (nests) num nests = intialise (norts)

step 2: We untialise the first docution as the best sidetion when we keep on hecking if that arketion imbrars arketion improves

dep3. Run the loop for multiple times for iterations in max iterations we have to dreck if the new socution four of us better their the focusious to action

àp Epinens (new soutron) > fitners (fancoious adution) best-solution - new solution

atchq: we evaluate the fitters step 9: we keep running this for many iterations and in the final tenth iteration we wholate the hest secution

- minimuse travel time so traffic congestions
- taggic eights - nests

traffic eights minter union) proper houses militaries thorten and a some million from the tion of the market of token stone print the > Sunt like auckoo after changing traffic light turnings Time Confecuity Best core is when unified solution is close to optimal To be iteration O(50×10×3)

N'= population sure

D: runder of interretions are Oseway

When all signal trinings are Oseway Worst care: when all dig nat turning are 60 sewner It is when there are all possible iterations owner but still not able to proja good towarin, when there us a nighest fossible travelforme if there are & interrections then worst care is 300 deurous The contract of the state of th