of endsonmen influence design and anotioning of agent? Discuss vasious ascustectuzes and there suitebility different types of envisonment ecscuss how chasacroststicis of envisoringides influed analyze selationship the nature of envisonmen Poblicing observable, and dischere to continuous eny some ents in the design and behavior or agent, anciu ding the quantum enges rosed by dynamic and characterin envisorments and stradegree agents it agents repeate, banging from complexely, obsosopility, and dynamicity done sministry to stachastry, observable to: and staudure of menigent agent, thou does the series of the first sector of the foreign employe to adapt and success. diversity of 3 46 ... 349 8.000 which the lyent Analyze the

pevelop a peas description of tast end sonment for following agents a medical stagnosis system. Plany Rodok. (X)

A peter dinitistic ... out come age freditable MSEDECTE RAINE STOJE (autions. A Stochastic: musice & boundowniss 1) type of envisonment,

* constinuous: Initing states actions.

* pynomic endeonment: Aequice fast, adalling response * unastam envisonment: need agents to handile * unastam unbedictinity and month e ingo. Challanges! " " See See

Stoole gies tox success;

the proming algorithm to addust action on the fly * poobabilistic modes to manage unortaining * Aeingoociment leasning for adaptating

2) the envisorment's comprexity, obsessuability and .. dynamic, nature directly ampact how intelligent * sensos fusion this improved pecception.

to complex envisonment need somestor agent. with memory and iteming agents are designed.

Carres are showments are easily to manage pastially observable one prediction * ognamic envisonments change over time, So agods must sead quickly

comesas, Basiode, aeduces, proximity os clinics roam enterinad history lab reports and symptons. fluing obserousie, por esminister ois play screen Report generation 1 11 11 11 11 and weight sensors in patient soutstanting, 6 18 chasacteristics: Sex Society of the Page Reduced talse positives restormance measure. Accusacy of diagnosis State JE PISONIC. speed of , decision thuisonmont: Aleats (to do ctob. PERS DESCRIPTION ... A cturatos: 50 HOSPITAL medical

properties of an unioniment (for probable washim near easy

CYREACISE.

physical surfaces (thoops, thies). obstaces (units, POS, People)

* mad godfonal majoreas os maps. (teusing and postalle sizes

oret laust 64 violating concentrations

Roundades (Sharis Aboximays)

(Busines from marking)

thou a vaccum creaned peaceture "He chilisonment.

र्या क्रिक्ट हर्वक्रम . 1. Intracted (19) sonsobs, 2 430 - 900 by 0445 UHROSOMIC SONOR used fos: octeurns

used for of stance measuremen

mond (19874 Desertion and Ranging) used took = 360° masping and to obstacles

1000 11 202900

used fox: betetting physical comesa/utston, sensob. with the obsers.

Sonsobs,

Bump

used tos: visual mapping, dist of detection, soom secognition. 5

1, 16, 18 execuse-2

15 8- oueens pooblem.? what

. No two, queens are on, some diagonal . No two queens are on same column No two queens are on same raw

state reepsesents a confeguration of formulate, the Problem: ouders on the board. **D**

This means:

so, a full state tox 8,8 upens has 8 volues one for each row Row I: Bueen in column 3 gows; oveen in column 1

Preumony At each ster chows. Place, a fueron in attach any queens. dosen't A CACALLA passis O SMINES

no queens axe in same column. 1954 of 8 numbers, where ?.

god state:

. No queens are in same diagonal.

Baccesagema, (oeath-fasse, seasch) : portou nomino E8: 10,0,7,5,72,6,1,3

gro 300 italy column o to 7, in current safe -> move to next zow. رد

stauce -> 80 back (backtoact) toy a different colump, 9

exessice

store: gnet for

3

sug & (2-8allon). Ogallons * sug 4 (u-gallon): o gallons

u-gallor . gub A needs 1 gallot to seach y gallots Pour from guy & grato sug a unot? the 1. Fill Jug B (3-gallon) from the we have exacted 2 dallon 5 m gug, using allowed opesations. . 348 B (3-8a1100): 08a11005. * /348 A (4-8a110n) . 28a11002 roup sug & into sugal. 348 A 15 4411. H: 3, 8:3 Fill sug Bagain Empty 348A. 7 4:0,8:3 >4:3,8:0 2:8'0: H Frnal stat: steps: ζ. ż ?

sparch (ets); n-0)580x7 : agnangs BBEadth - PPBSt

tonal by tonol to of gat at each rouel solves of teaussol. 8#5 exploses

-0000000 BES RESULT: D, E, T 8

o posts Death - tost season lots: exploses as tax down SHO SHO

possible belease back tracking toover sal: geder f

ANN

Summas Dee

Seasch BFS (Breadth-Prost

exproxes ar modes at the ausbend befoxe going deeped. How of works:

uses a queure (Fito).

B COCE () (8 イイエイを丁コ grs travessal oxdex:

Asvantages:

- · complete: auasantes to fand the fom
- optem (an unweighted): tands the

Orsaduantages:

- · memosy-intensive: stores all the
 - · can be slow for deep trees,

DES traverson order (one possible put).

A > B - D -> H -> I -> E -> # &

Goal found hese,

Advantages:

- · only needs to stobe a sangle rath (space as a case).
- deep on the tree.

or sad vardages:

- · Not guasanteed to fund strontest path
- o can get stude explosing long as the infinite paths.

type of Agent's Good-Based Agent.

A goal - based agent wooks by:

6

- * Having a specific goal (seathing a destination)
- * evaluating lossible actions (cab types,
 - * selecting the most surtable action that helps achieve the goal effectively.

explanation of key steps:

- * out Auguable cabs: Finds cabs near the user's location.
- * matching uses's compost/cost/teme
 - * estimate faxelestimate traveltime:
 - * BOOK WHY OPTION: SENds a book on ng Request to the system.