Algo finding true or exact solution global search 1 heurither (John holland) In each generation, francis of every individual is calculated, multiple individuals selected, modifical to form new population. Terminatei when -> Either max no of generations has been produced ~

• Good SHANNING fitness Revol

has been reached. ~ Techniques - · Parantel Selection · Mutation General Steps - select encoding type · street population size · Randowly Chose intel population Initi lization · select Parental Chromosomes · Cropover & Mutation · Evaluate off spring · Stop aviteria, if not met go to step 4. select fixent.

Hy seeing

Fittness · Evalution Individuals MANNA the selected fitter for new generation

General Algo - Enceding · Binary encoding (commen)
· Value-Based encooling Permutation encoding Selection - first operator appsied on encoded · Chromosomes selected as perent + cross over function + produce offsprings Steely state > 20ptions -> · Chromosomes of 2 parents ove Croslover recombined to form new child Chromosomes maybe Types - Single Point · uniform crossove · Two point o tendom subset U Chosen Mutation > · purpose > maintain diversity / main la Kr atta hy: Chromosomes so new Chromosomes to pool.



