Ques 9

A 'Feature relection' problem.

step1 generate data Rile.

+1/-1

Parients t1 t2 --- tm Y

i - - - -

stepz Design of chromosome.

array of length = m bit

string.

bit 1: test non-valid.

1011101--- 11 + m.

Step 2 Fitness

Use NN and calculate evol

with Cruss Validation:

Llave-one-ont 200

= fitness = far = 1

ear.

Step 4 Selection Roulette wheel. steps Crossover

Normal bit-String Crossover.

Step6 Mutation

Pormal Flip-bit mutation

on bit-string Chanosome.

Step7 Replacement

Elitist Stratesy.