

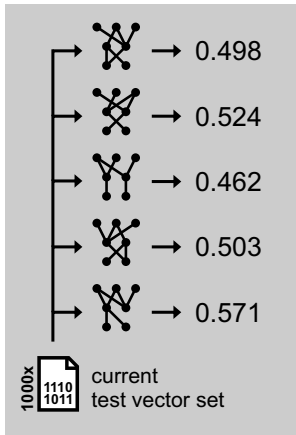
mutation and sexual crossover

individuals are crossbred to form a new generation of partial solutions



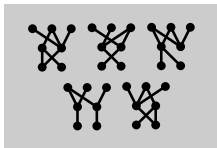
survival

individuals with higher fitness value have better chance of surviving to the next generation

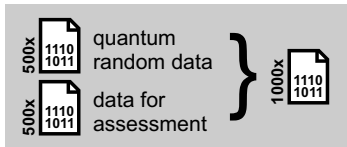


fitness assessment

each individual from the population is evaluated on all test vectors from the current set, fitness value from 0 to 1 is assigned to each one



candidate population
currently considered partial solutions



test vector generation

prepare new test data for circuit testing



initial (random) population



evolved distinguisher