

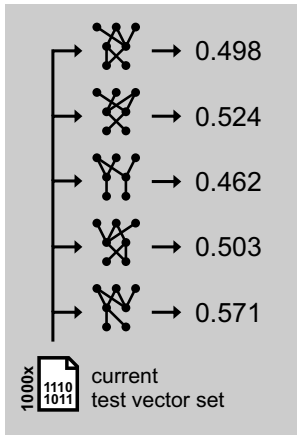
## mutation and sexual crossover

individuals are crossbred to form a new generation of candidate solutions



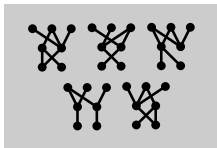
## survival

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 solution



initial (random) population



evolved distinguisher

## test vector generation

prepare new set data for circuit testing

