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**Tournament Selection**

TS(population[])

{

x=0;

//number of parents in mating pool

while(x<n)

//n is number of elements to put in mating pool

{

randomly select k individuals;

int i = best one out of them;

// we select best one of k individuals

mt\_pool[x++] = i;

}

**}**

**Roulette Wheel Selection**

RWS(population[]){

// Applying sort for getting population

sort(population);

x=0; //number of parents in mating pool

while(x<n)

//n is number of elements to put in mating pool

{

r = random value between [0,1];

i = 1;

while(a[i]<r) //a[] denotes the cumulative probabilities of the population[]

i++;

mt\_pool[x] = population[i];

x++;

remove parents[i] from population[]

}

}