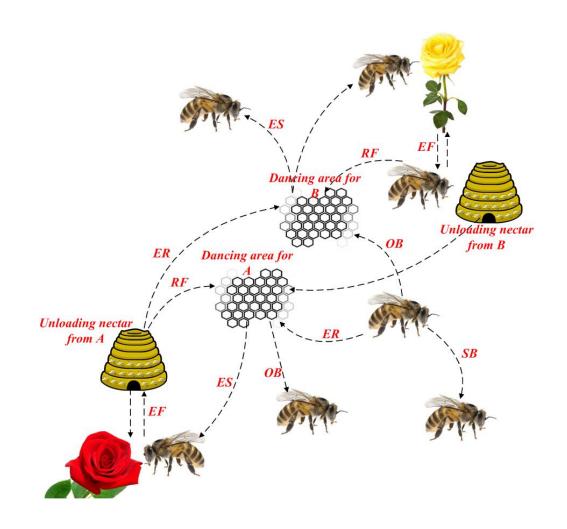
# List of Bioinspired methods

## Ant colony optimization

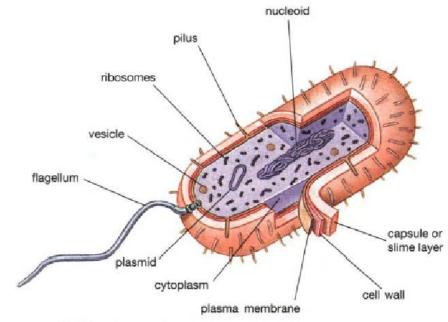


## Artificial bee colony



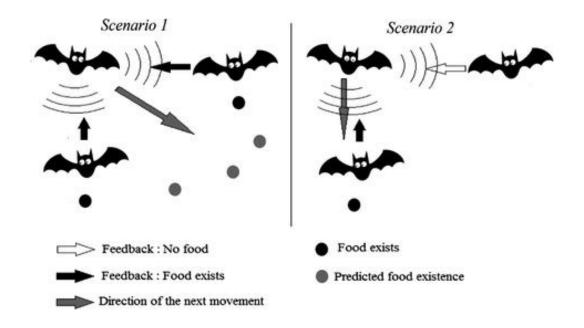
## Bacterial foraging

#### ie pacterium so it pusites me cen.

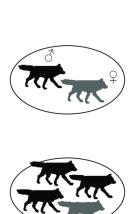


ig. 1. Bacterial foraging E.coli [7]

## Bat algorithm



#### Wolf search



Breeding pair in minimum defensible territory, the size of which is determined by prey dispersion and energetic requirements of survival and reproduction



Additional adult males where prey richness in territories allows. High yearling male survival in territories with high rodent densities





Territorial expansion follows increases in pack size.

Lower degree of territory overlap where a) prime foraging habitat is scarce, and b) pack size is large relative to neighbours

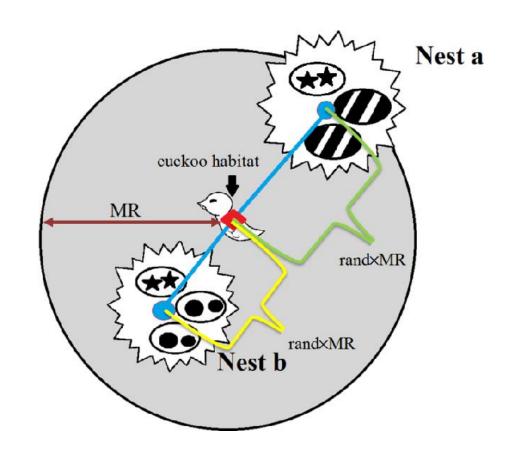




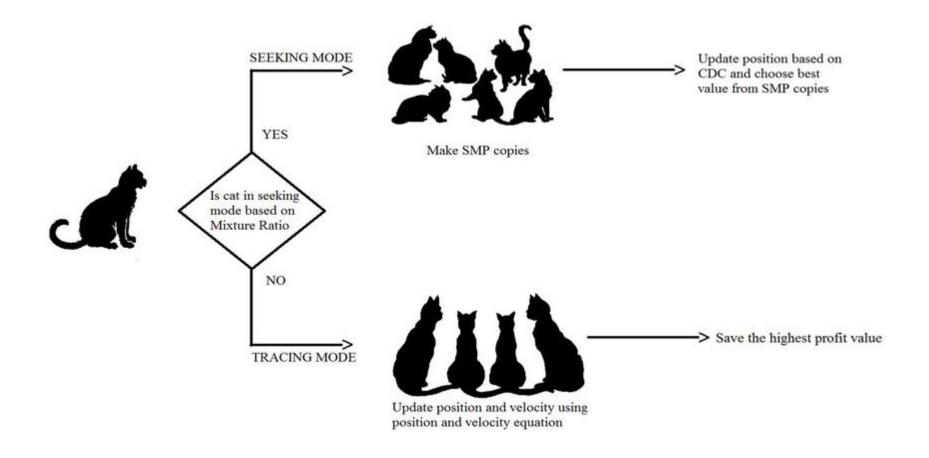
Additional adult female in high quality territories (with high proportion of prime molerat habitat).

High yearling female survival where prey are spatially homogeneous.

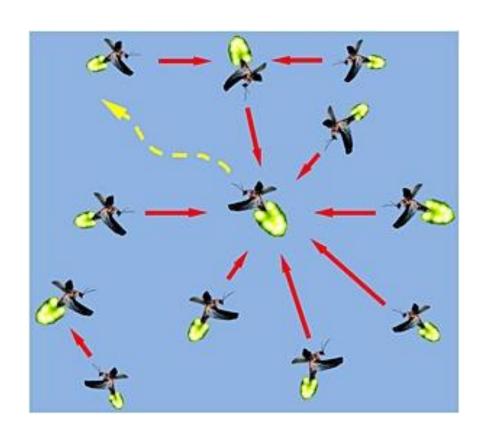
#### Cuckoo search



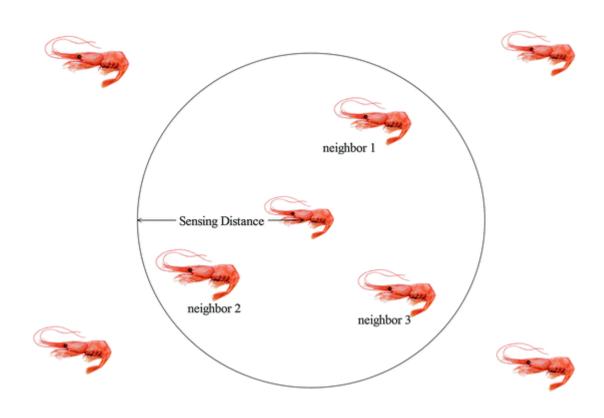
### Cat swarm optimization



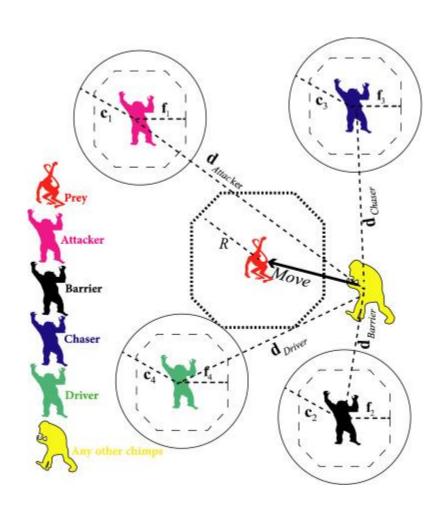
## Firefly algorithm



#### Krill Herd



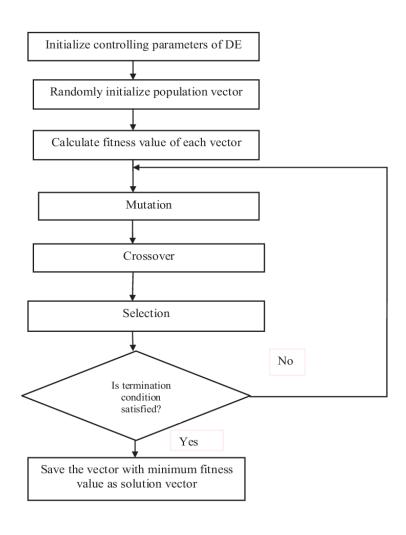
## Monkey search



#### Brain Storm Optimization



#### Differential evolution



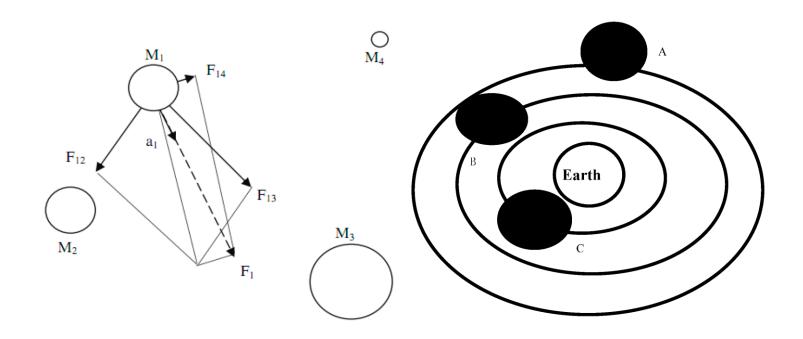
#### Shuffled frog leaping algorithm



## Galaxy-based search algorithm



#### Gravitational search



## Harmony search

