PSO, like other evolutionary computation

techniques is a population based search algorithm

initialized with a population of random solutions, called

particles. Unlike other evolutionary computation

techniques, a PSO particle is associated with velocity.

Particles fly through search space with velocities,

dynamically adjusted according to their and swarm’s

historical behaviors. So, particles fly towards better and

better solutions in a search process. PSO algorithm is

simple in concept, easy to implement, and efficient

computationally. The PSO algorithm’s updating rules are

listed as [25].

