OPTIMAL PLACEMENT OF ROADSIDE UNITS FOR VANETS

Extract candidate positions for RSUs at junctions and road segments

Formulate a spatio-temporal coverage definition for performance analysis

Use nature inspired algorithms to efficiently search the solution space

Take zone preference, varied transmission ranges and signal degradation into account

Setup Ants

Move Ants :

Add RSU
Update coverage and pheromones
Update trails and best answer

Return best solution