Ant Search Statistics

https://github.com/heyitsalina/ant_search_algorithm February 22, 2024

1 General Information

Epochs: 452

Boundaries: [0, 720, -480, 0]

2 Colonies

Colony 1

• Amount: 300

• Coordinates: [140, -300]

• Pheromone Grid: [12, 18]

• Color: [0, 0, 0, 1]

• Food Count: 0

• Step Size: 3

• Amount to Carry: 1

• Search Radius: 1

• Pheromone Influence: 0.01

Colony 2

• Amount: 300

• Coordinates: [480, -300]

• Pheromone Grid: [12, 18]

• Color: [0, 0, 1, 1]

• Food Count: 1

• Step Size: 3

• Amount to Carry: 1

• Search Radius: 1

• Pheromone Influence: 0.01

3 Food

Food 1

• Start amount: 100

• Amount of food: 0

• Coordinates: [310, -300]

4 Obstacles

5 Overview

