

Ant Search Statistics

https://github.com/heyitsalina/ant_search_algorithm

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1 General Information

Epochs: 317

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

2 Colonies

Colony 1

- Amount: 400
- Coordinates: [313.838, -305.557]
- Pheromone Grid: [12, 18]
- Color: [0, 0, 0, 1]
- Food Count: 22
- Step Size: 5
- Amount to Carry: 1
- Search Radius: 2
- Pheromone Influence: 0.01

3 Food

Food 1

- Start amount: 100
- Amount of food: 19
- Coordinates: [154.614, -344.545]

Food 2

- Start amount: 100
- Amount of food: 0
- Coordinates: [312.144, -158.079]

Food 3

- Start amount: 100
- Amount of food: 82
- Coordinates: [470.52, -285.215]

Food 4

- Start amount: 100
- Amount of food: 54
- Coordinates: [293.511, -457.272]

4 Obstacles

Obstacle 1

- Coordinates: [235.51188732776916, -291.57494000984474]
- Size: [50, 50]

Obstacle 2

- Coordinates: [432.00001043283714, -289.8797972625796]
- Size: [50, 50]

Obstacle 3

- Coordinates: [260.07290271590267, -234.78765797646213]
- Size: [50, 50]

Obstacle 4

- Coordinates: [313.42959131771, -194.95180341573098]
- Size: [50, 50]

Obstacle 5

- Coordinates: [369.3270746148414, -193.25666066846577]
- Size: [50, 50]

Obstacle 6

- Coordinates: [416.75524226089226, -232.24494385556432]
- Size: [50, 50]

Obstacle 7

- Coordinates: [393.0411584378668, -339.88650830690165]
- Size: [50, 50]

Obstacle 8

- Coordinates: [345.61299079181595, -363.61850676861377]
- Size: [50, 50]

Obstacle 9

- Coordinates: [287.17471279936035, -375.48450599946983]
- Size: [50, 50]

Obstacle 10

- Coordinates: [233.8180241975531, -347.51465066959486]
- Size: [50, 50]

5 Overview

