UNIVERSITY OF AMSTERDAM

Movement of Ants

Georgios Methenitis

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ABSTRACT

In this paper, a foraging algorithm is going to be presented, which simulates the movement of ants in a two dimensional space. Section 1, serves an introduction to this paper, Section 2 includes some related work that we based on, and Section 3, presents the actual approach that we follow. In Section 4, experiments and results are presented, Section 5, talks about some future work that can be done in our work, and finally, Section 6, concludes this paper.

1 INTRODUCTION

Ants are social insects of the family Formicidae. Big ants' average speed is 300 meters per hour, something interesting is that . Foraging ants travel distances of up to 200 meters from their nest. Ants communicate with each other using **pheromones**, sounds, and touch.

2 RELATED WORK

3 APPROACH

4 RESULTS

5 FUTURE WORK

6 CONCLUSION