

Model and Simulation of Starling Murmuration.

Siddhant Shingi and Srijan Sinha

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1 Introduction

2 Reynolds Boid Model

A boid is representation of a bird in Flocking Simulation. A boid keeps on moving by watching his neighbours and decieding what direction to take next.

3 Cohesion

4 Separation

5 Alignment

6 Obstacles

7 Neighbourhood

8 Algorithm

9 Conclusion

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References

[1] D. Adams. *The Hitchhiker's Guide to the Galaxy*. San Val, 1995.