

THE DIFFUSION OF STICKY PARTICLES IN 1D

EPSRC

Engineering and Physical Sciences
Research Council

By Joshua Hellier with Supervisor Graeme Ackland School of Physics and Astronomy, University of Edinburgh

INTRODUCTION AND MODEL DEFINITION

Donec non nisl a **arcu consequat** varius. Sed suscipit cursus luctus. Nulla sit amet elit augue. Curabitur scelerisque mollis dolor, quis blandit lorem condimentum at. Pellentesque sed nibh vel **dolor** sagittis semper.

- 1. Feugiat vitae elit
- 2. bibendum ante sed lacinia eros in
- 3. Curabitur scelerisque arcu consequat varius
- 4. Dapibus nulla id purus consectetur
- 5. Fringilla integer

MODEL PHENOMENOLOGY

The following materials were required to complete the research:

- Curabitur pellentesque dignissim
- Eu facilisis est tempus quis
- Duis porta consequat lorem
- Eu facilisis est tempus quis

The following equations were used for statistical analysis:

$$\cos^3 \theta = \frac{1}{4} \cos \theta + \frac{3}{4} \cos 3\theta \tag{1}$$

$$E = mc^2 (2)$$

Phasellus imperdiet, tortor vitae congue bibendum, felis enim sagittis lorem, et volutpat ante orci sagittis mi. Morbi rutrum laoreet semper. Morbi accumsan enim nec tortor consectetur non commodo nisi sollicitudin. Proin sollicitudin. Pellentesque eget orci eros. Fusce ultricies, tellus et pellentesque fringilla, ante massa luctus libero, quis tristique purus urna nec nibh.

NUMERICAL RESULTS

 $\alpha_Z > \alpha_H$

Placeholder

Image

Placeholder

Image

 $\alpha_H > \alpha_Z$

Sed fringilla tempus hendrerit. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Etiam ut elit sit amet metus lobortis consequat sit amet in libero. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus vel sem magna. Nunc at convallis urna. isus ante. Pellentesque condimentum dui. Etiam sagittis purus non tellus tempor volutpat. Donec et dui non massa tristique adipiscing. Quisque vestibulum eros eu.

 $\alpha_Z = \alpha_H$

Placeholder

Image

Placeholder

Image

Visualization of $\alpha_H > \alpha_Z$

Placeholder

Image

Figure 1: Figure caption

CONCLUSIONS AND FUTURE RESEARCH

Stuff about the future.

ACKNOWLEDGEMENTS AND REFERENCES

[1] J. M. Smith and A. B. Jones. *Book Title*. Publisher, 7th edition, 2012.

[2] A. B. Jones and J. M. Smith. Article Title. Journal title, 13(52):123–456, March 2013.