# Bluff-Body Turbulence

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**abstract here *LH&FZ***

## Nomenclature

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$\rho$ = density, $kg/m^3$

Subscripts

$()_\infty$ = freestream quantity

Acronyms

CFD = Computational Fluid Dynamics

## I. Introduction

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Intro sentence to paper should have this fancy capitalization.

- Real World Applications
  - parachute
  - reentry capsule
- Driving Physical Phenomena
  - blunt/bluff body definition, differences from streamlined body flow
  - massively separated flow
  - base pressure
  - wake

## II. Experimental Methods And Results

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- Historical Study
- Experimental techniques

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## III. Computational Methods and Results

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- Historical Study
- Computational techniques

### A. Turbulence Modeling Aspects

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## IV. Current State of Bluff-Body Turbulence

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- Current State of Knowledge
- Remaining Challenges

## V. Conclusions

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## Acknowledgments

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Example citations

[1]

## References

[1] Nakamura, Y., "Bluff-body aerodynamics and turbulence," *Journal of Wind Engineering and Industrial Aerodynamics*, Vol. 49, No. 1, 1993, pp. 65 – 78. doi:https://doi.org/10.1016/0167-6105(93)90006-A, URL `http://www.sciencedirect.com/science/article/pii/016761059390006A`.