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Faculty of Engineering Sciences
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Research proposal

Turbulent Swirl Flow and Vortex Breakdown

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1 Introduction

The project investigates turbulence in swirl flow. Swirl flow is characterized by a helix flow swirl number [1]. Columnar vortices.

2 Project Objectives

Review of the literature on the subject of measuring swirl flow and the theory of vortex breakdown.

References

- [1] M. D. Altmann and M. D. Hill. *Caring for Your Baby and Young Child*. American Academy Of Pediatrics, September 2019. Item ID: 1:n1.