# Plan for research on Rail Mounted Gantry Crane Structural Health Montitoring and Non Destructive Evaluation

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#### Abstract

Do the Prospectus thing so I can get to the next level at school

## Introduction

Here goes stuff about port and what we are doing

# Chapter 1: Starts Here

Beginning TExt

## Chapter 2: Next Part

#### This is 2.1

Replicating figures from<sup>2</sup> on acoustic scattering from a fluid sphere in a fluid. The first replicates his Figure 3

## Acknowledgement

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## Supporting Information Available

The code used to generate these can be found on the author's GitHub page.

The following files are available free of charge.

• GitHub Link: https://github.com/danchendrickson/Prospectus

## References

(1) Graff, K. Wave Motion in Elastic Solids; Dover Books on Physics Series; Dover Publications, 1991.

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  Journal of Applied Physics 1965, 36, 3466–3475.
- (4) Hinders, B. D. T., Mark; Rhodes Impedance Plane Characterization of Elastic Wave Scattering. *Mechanics Research Laboratory* **1991**,
- (5) Kerker, M.; Press, A. The Scattering of Light, and Other Electromagnetic Radiation; Physical chemistry; Academic Press, 1969.

# TOC Graphic

