



SAPIENZA
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Data Analysis and Visualization of the movements of patients with Fear of Falling

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Bachelor's Degree in Computer Science

Lucian Dorin Crainic

ID number 1938430

Advisor

Prof. Maurizio Mancini

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Author's email: crainic.lucian@gmail.com

"When my bird was looking at my computer monitor, i thought 'woah, that bird has no idea what he's looking at'. And yet, what does the bird doo, does he panic? No, he can't really panic, he just does the best he can. Is he able to live in a world where he's so ignorant? Well, he dosen't really have a choice. Yeah, he can kinda live.. usually the bird's okay, even though he dosen't understand the world, and he can kinda learn what's safe and what's dangerous. So uh, that's where I've been living."

- Terry A. Davis

Abstract

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Introduction

1.1 Background and motivation

1.2 Research problem

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1.5 Scope and limitations

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Chapter 2

Literature Review

2.1 Fear of falling: definition and prevalence

2.2 Factors contributing to fear of falling

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Chapter 3

Methodology

3.1 Data collection

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Chapter 4

Analysis and result

- 4.1 Descriptive analysis of the dataset
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Chapter 5

Discussion

- 5.1 Interpretation of result
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Bibliography