

# Design and implementation of parallel breadth-first search

**Project Report**

**Academic year 2020-2021**

*Submitted for the examination of Parallel and distributed systems: paradigms and  
models*

By

**Giuseppe Grieco**

g.grieco6@studenti.unipi.it



Department of Computer Science  
UNIVERSITY OF PISA, ITALY

July, 2021

# Contents

<b>1</b>	<b>Introduction</b>	<b>3</b>
1.1	Problem statement . . . . .	3

# **1 Introduction**

## **1.1 Problem statement**

The bread-first search is an algorithm visiting the graph in amplitude, etc..