# A Simple Document

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#### Abstract

This paper analyses a seminal equation in population biology.

### 1 Introduction

this is an Introduction

## 2 Materials & Methods

A foundational equation id population biology is:

$$\frac{dN}{dt} = rN(1 - \frac{N}{K})\tag{1}$$

It was first proposed by Verhulst in 1838 [?].