Introduction to LaTeX

Author's Name

July 21, 2016

Abstract

The abstract text goes here.

1 Introduction

$$\dot{x} = rx\left(1 - \frac{x}{K}\right) \tag{1}$$

$$x(t) = \frac{KPe^{rt}}{K + P(e^{rt} - 1)}, \tag{2}$$

$$Ci - Cells \tag{3a}$$
$$Ni - Nutrients \tag{3b}$$

$$N + C \xrightarrow{b_i} 2C, \tag{4a}$$
$$rate = b_i[N][C] \tag{4b}$$

$$\frac{dC_i}{dt} = b_i N_i C_i, \tag{5a}$$
$$\frac{dN_i}{dt} = -b_i N_i C_i - k_n \sum_{j \epsilon \delta_i} (N_i - N_j) \tag{5b}$$
$$\tag{5c}$$