Report

École Polytechnique Fédérale de Lausanne, Switzerland

Florian + Dariush

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1 Introduction

Introduction to the article goes here Introduction to the article goes here

2 The Model

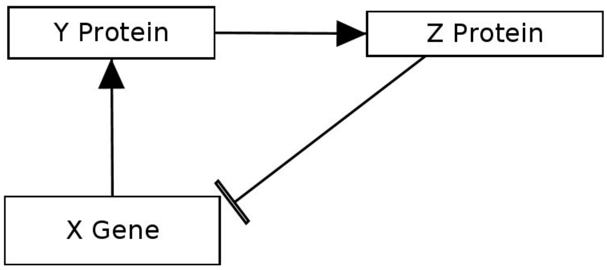
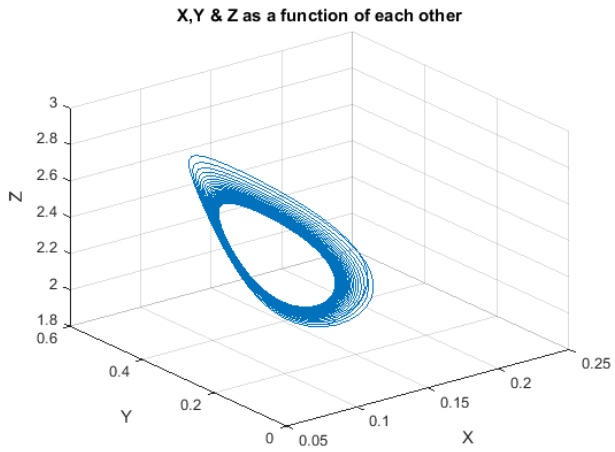
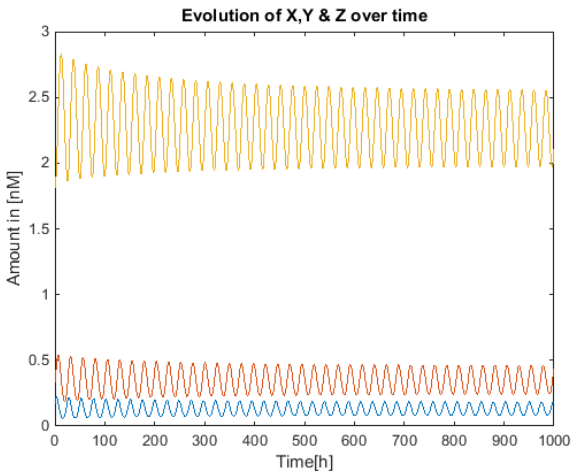


Figure 1: Sketch of that thing blabla

b/ablalaeolauelthaeou

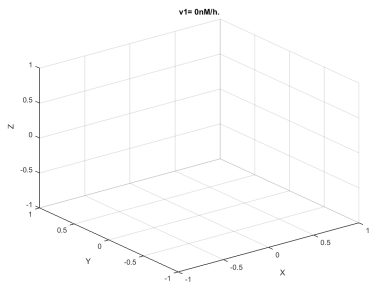


(a) Trajectories

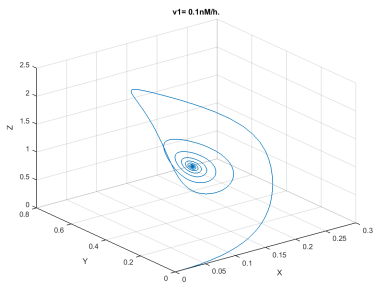


(b) Frequency spectrum

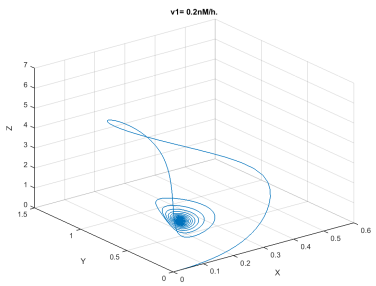
Figure 2: With nice initial conditions



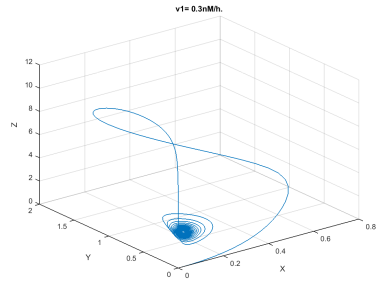
(a) v1 = 0 nM/h



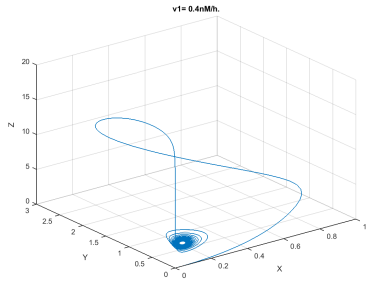
(b) v1 = 1 nM/h



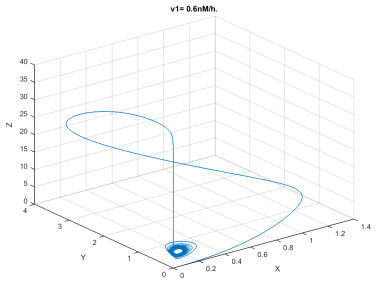
(c) v1 = 2 nM/h



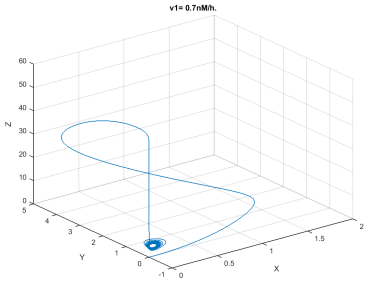
(d) v1 = 3 nM/h



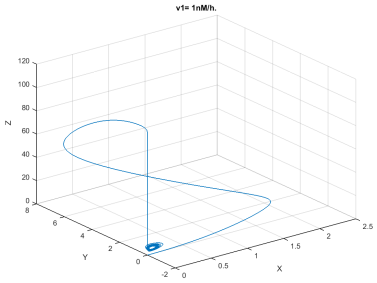
(e) v1 = 4 nM/h



(f) v1 = 6 nM/h

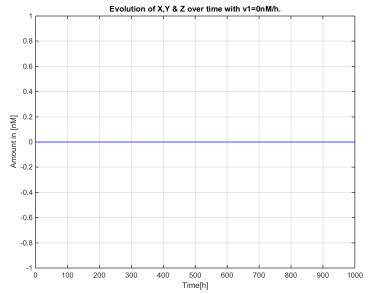


(g) v1 = 8 nM/h

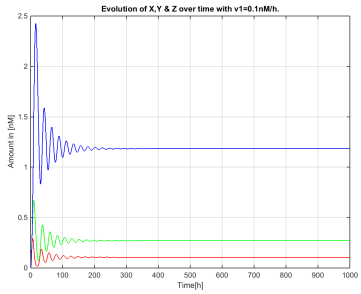


(h) v1 = 10 nM/h

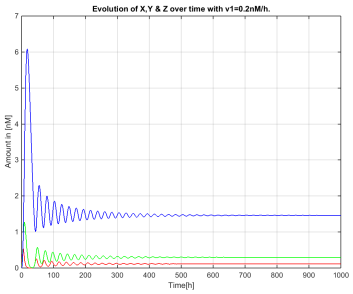
Figure 3: With nice initial conditions



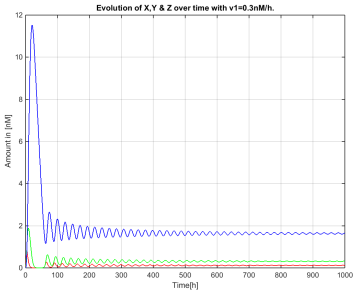
(a) v1 = 0 nM/h



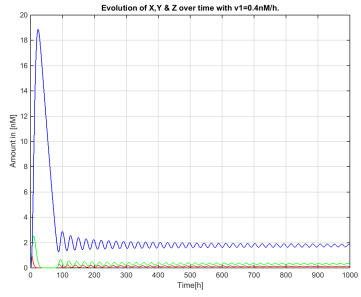
(b) v1 = 1 nM/h



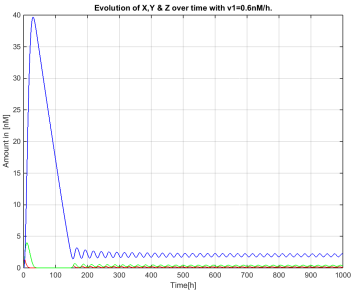
(c) v1 = 2 nM/h



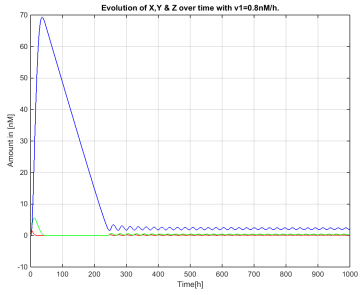
(d) v1 = 3 nM/h



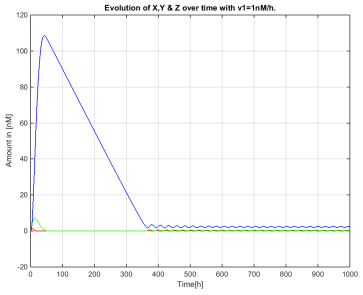
(e) v1 = 4 nM/h



(f) v1 = 6 nM/h



(g) v1 = 8 nM/h



(h) v1 = 10 nM/h

Figure 4: With nice initial conditions

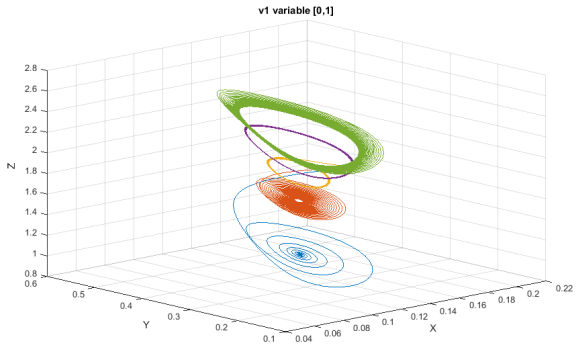
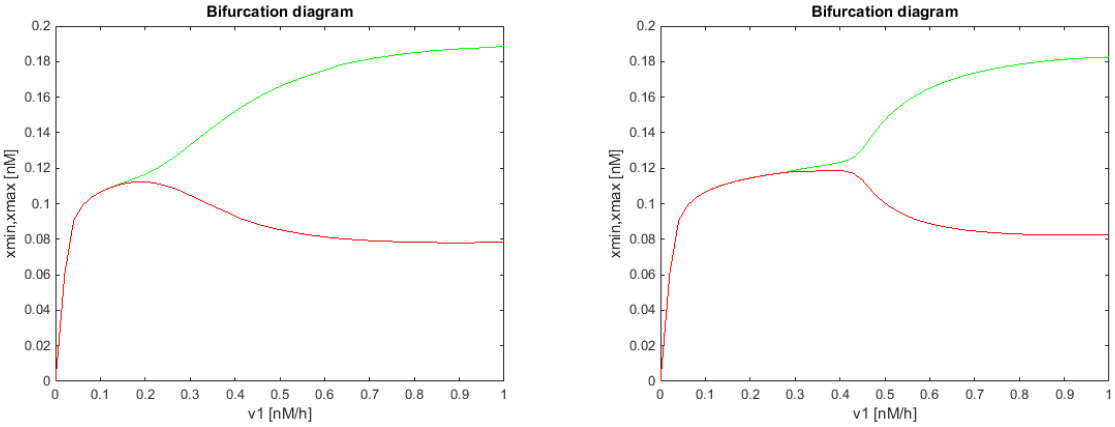


Figure 5: v1 = 1/3/5/7/9 nM/h



(a) at $h_{max} = 1000$

(b) at $h_{max} = 10000$

Figure 6: Bifurcation Diagram
plotted at time intervals : $[9/10; 1]$ of h_{max}