

MA 428: Project 2: Runge-Kutta Methods - A model for a genetic switch

Reading: Section 7.4

Your presentation will focus on material on pages 577 – 578 – A model for a genetic switch

In your presentation:

1. Introduce and explain the model
2. Why is it useful to study this model.
3. Introduce the numerical technique used to solve the model. In particular explain how the numerical technique is implemented in MATLAB.
4. Reproduce the results presented on page 579 and use the text to explain their significance.