

CS 111 Final

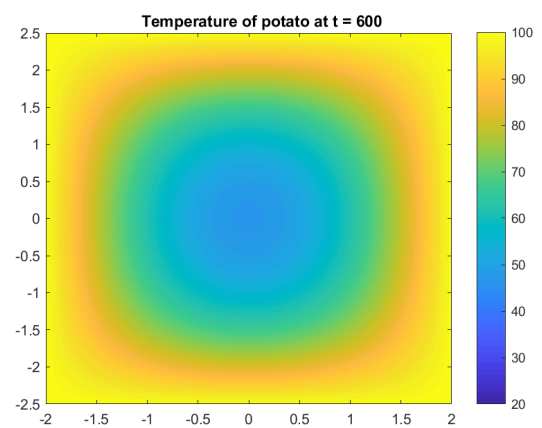
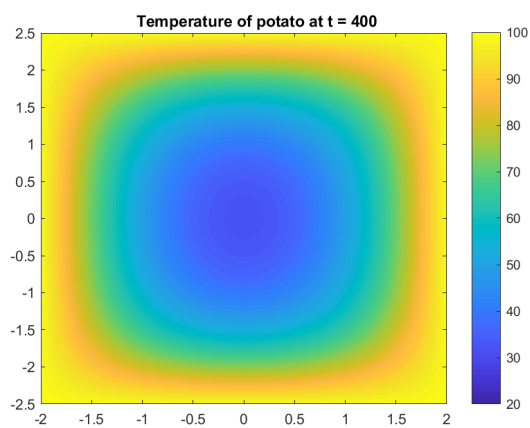
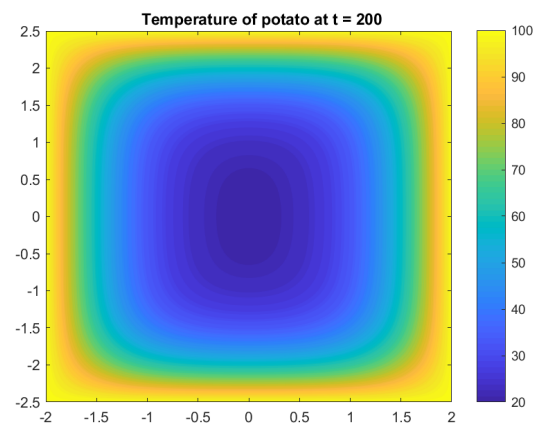
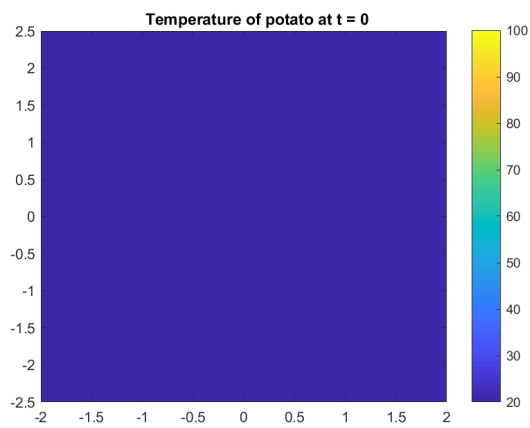
Introduction

Problem 1

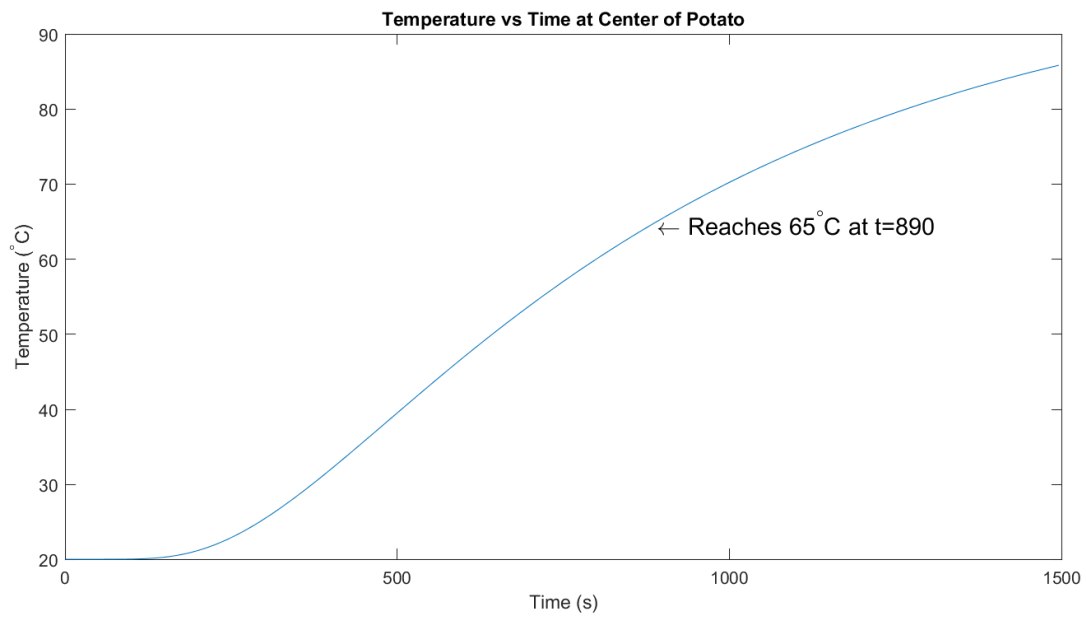
Part A

Part B

Part C



Temperature ($^{\circ}\text{C}$) throughout the potato at various times



Temperature (°C) at the center of potato vs time

Problem 2

Part A

Part B

Part C

References

- 1 Daniil Bochkov, CS 111 - Introduction to Computational Science - Midterm, Fall 2017
- 2 Daniil Bochkov, CS 111 - Introduction to Computational Science - Lecture 4 - High-Order Methods, Fall 2017
- 3 Daniil Bochkov, CS 111 - Introduction to Computational Science - Lecture 6 - Systems of ODEs, Fall 2017
- 4 Daniil Bochkov, CS 111 - Introduction to Computational Science - Lecture 7 - High-Order ODEs, Fall 2017