Homework 1

Advanced Process Control

## Problem 1

See handwritten solution.

## Problem 2

See handwritten solution.

## Problem 3

See handwritten solution.

## Problem 4

See handwritten solution.

## Problem 5

See handwritten solution.

## Problem 6

Problem 6.2 differs from Monica’s solution.

Table on overleaf

## Problem 7

Calculate M for (iv) & (v)

Check plots for 7.1 and 7.3

Plots on overleaf

## Problem 8

See handwritten solution.

## Problem 9

Plots on overleaf.

## Problem 10

Plots on overleaf.

## Problem 11

See handwritten solution.

## Problem 12

See handwritten solution.

## Problem 13

See handwritten solution.

## Problem 14

See handwritten solution.

## Problem 15

See handwritten solution.

## Problem 16

See handwritten solution.

## Problem 17

See handwritten solution.

## Problem 18

See handwritten solution.

## Problem 19

Finish integral

## Problem 20

See handwritten solution.

## Problem 21

See handwritten solution.

## Problem 22

Add plot