Figure 1: When the initial condition is $y = 0$
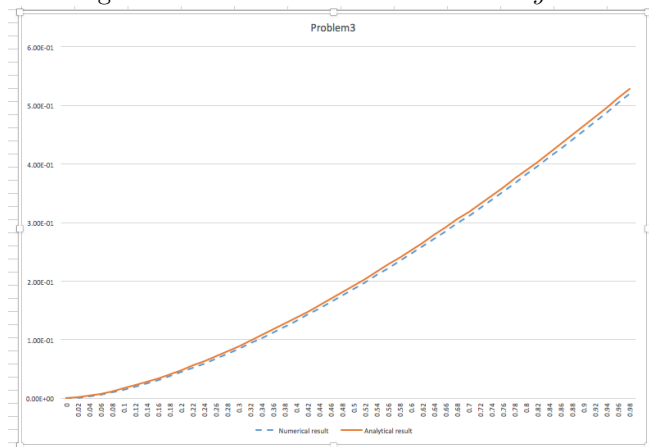

Figure 2: When the initial condition is $y = 1.0 \times 10^{-6}$

PURDUE UNIVERSITY · ME 581
NUMERICAL METHODS

HOMEWORK
Jun Cheng
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Problem 1

1. The analytical solution is:

2.

3.

Problem 2

Problem 3

(b)