Introduction to Differential Equations

Assignment # 4

Tian Xiaoyang

26001904581

P1.

General solution

P2.

Chart

Description automatically generated

When y>0, for the same y value, as t increases, the slope of the graph decreases.

When y<0, for the same y value, as t increases, the slope of the graph increases.

When y=0, slope is equal to 0

P3.

P4.

P5.

are fundamental set of solutions

P6.