**4.3 Homogeneous Linear Equation with Constant Coefficients**

**5.**

Substitute into original equation

**9.**

, and

**23.**

=0

**35. Solve the initial value problem:**

Let

Then

--------------------(a)

Substitute

-----------------------------------------(1)

‘ ----------------------(b)

Substitute

-------------------------------------(2)

------------------------©

Substitute

-----------------------------(3)

Substitute

Substitute into (1)

Substitute