Answer on Question #75288- Math – Differential Equations

**Identifying the differential equation and solve them**

**Solution**

This equation of a look:

.

Use the next replacement:

then

Let's differentiate

then

Equate each multiplier to zero:

Integrate equality (2):

let's substitute this value in (1): - common decision.

From (3):

let's substitute this value in (1):

- singular solution

**Answer:** .