

Re: Help with solutions to two DEs

Source: <http://sci.tech-archive.net/Archive/sci.math/2005-06/msg04365.html>

- *From:* carlos5100@xxxxxxxxxx
 - *Date:* 24 Jun 2005 14:13:03 -0700
-

Ok, thanks for the information on the first DE. I see what you mean how only for a certain range of C it is a solution to the DE, I did not even think about that aspect of it. However, this brings up another question, what is the correct way to write that solution? do you just normally write it as a piecewise function or do you normally just write off to the side for a certain interval of C this given solution is correct?

slaps his forehead oops, I just completely looked over how to solve for the second DE, thanks for that hint.

I end up getting the below for the Second DE

$$y=(1-Ce^{(-e^x)})/4$$

which i guess means this solution is valid for $-\infty < x < \infty$

Thanks for the help.

Sam J.

.

- *Follow-Ups:*
 - ◆ **Re: Help with solutions to two DEs**
◇ *From:* Ioannis
 - ◆ **Re: Help with solutions to two DEs**
◇ *From:* carlos5100

- *References:*
 - ◆ **Help with solutions to two DEs**
◇ *From:* carlos5100
 - ◆ **Re: Help with solutions to two DEs**
◇ *From:* Robert Israel

- Prev by Date: **Re: Vladimir Bondarenko – Refereed Publication # 2 – International Symposium on**

Re: Help with solutions to two DEs

Symbolic and Algebraic Computation – 1996 – Status: Accepted: Dr Wolfgang Kuechlin: Poster Session Chair – ISSAC'96

- Next by Date: **Re: Help with solutions to two DEs**
- Previous by thread: **Re: Help with solutions to two DEs**
- Next by thread: **Re: Help with solutions to two DEs**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**