



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012/BJAST/2358
Title of the Manuscript:	Integration n -th order linear differential equations with variable coefficients with exponential solutions.

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	I really cannot recommend the publication of this paper. The two main reasons are as follows: 1. In my opinion it is not in the scope of the journal. 2. The paper is in fact a series of quite simple observations, and is not of a sufficient level of novelty to be published. Moreover, it ignores existing literature. Related topics can be found e.g. in: On the nth order Riccati equation of the second kind by T. Iwinski, or The Riccati Equation as Characteristic Equation for General Linear Dynamic Systems by Van Der Kloet, F L Neerhoff, or The Dynamic Characteristic Equation, by Kloet P. van der, F.L. Neerho and M. de Anda, etc. We are in the 21st century, and this is not the way how the mathematics should be made. Computations of this kind would better fit just as a part of some deeper problem (in other words, some additional observations are needed), and only then could be submitted into a journal which better corresponds this field.	Thanks, made the remark. These authors are included in the References LDE (2) replacement $\int_0^x r(t)dt$ $y = e^{x0}$ reduced to (n-1)-th order Riccati type characteristic equation(1). Then investigated and solved ,this is the main idea. Now in the 21st century more relevant than ever to find the analytic, functional solution of DE but not approximate solutions found by numerical methods.
<u>Minor</u> REVISION comments	What is p in (1)? Specify. p. 2, the second line of the proof: Why is $r_1(x)$ here? p. 4, the 6th line from bottom: correct $x=x-1$ p.5, the 1st line after the system: correct the subscript at the	. I agree.



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	last lambda. p.5, the 11th line after the system: What is rk? p. 5 Some comments to the examples 1., 2., 3., ... should be added. Reference 3: correct “Eguation“ and “equftion” The entire document: Check the (non)presence of spaces, after words, periods, commas, and between the lines,	Thanks, corrected
<u>Optional/General</u> comments		