SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	**Ms_JAMCS_43000**
Title of the Manuscript:	**A Study on the Solution of Linear Differential Equations with Polynomial Coefficients**
Type of Article:	**Original-research-article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
I believe the math is correct. Unfortunately, I do not have access to a university library to check the sources. But, I have seen hypergeometric solutions of linear 2nd order ODEs many times before. This paper is unique & original in presenting linear differential equations with fractional derivatives. This generalization is important. **I would prefer a standalone definition for m-subscript-x** **For example, you say "m-subscript-n equals m-subscript-x" at the bottom of page 5, I lost track of what m-subscript-x means. Just make a standalone definition, e.g. Definition 1: m-subscript-x** **Especially since you say "m-subscript-n equals m-subscript-x > 1" in the title of Section 3.** **I would like a standalone definition of "AC-Laplace transform", unless the author is very certain that her or his audience for this paper would already know it.** **Of course, I know what a Laplace transform. But, I do not know what an AC-Laplace transform is.** **In Section 4, change** **"**When we learn on the Bessel function, we meet with the derivation of the Bessel function of the second kind, which does not take the form (1.4)" to "When we try to solve (1.18) by Bessel functions, we discover we need the Bessel function of the second kind, which does not take the form (1.4)" I believe this is what the author means. If I am wrong, then please let me know. **Also, please number your references at the end of your paper, either as** **[1] Abramowitz…** **[2] Magnus…** **[3] Morita…(2013a)** **[4] Morita…(2013b)** **or using abbreviations:** **[Abr] Abramowitz..** **[Mag] Magnus…**	

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[Mor1] Morita… **[Mor2] Morita…** **[Wat] Watson…** **Then, when you refer to these references, for example, between (1.4) and (1.5) on page 2, change** **"See e.g. [Watson, 1935, Section 10.3]"** **to** **"See e.g. Section 10.3 in [Wat]"**	

Reviewer Details:

Name:	***John Michael Nahay***
Department, University & Country	***Swan Orchestral Systems, USA***